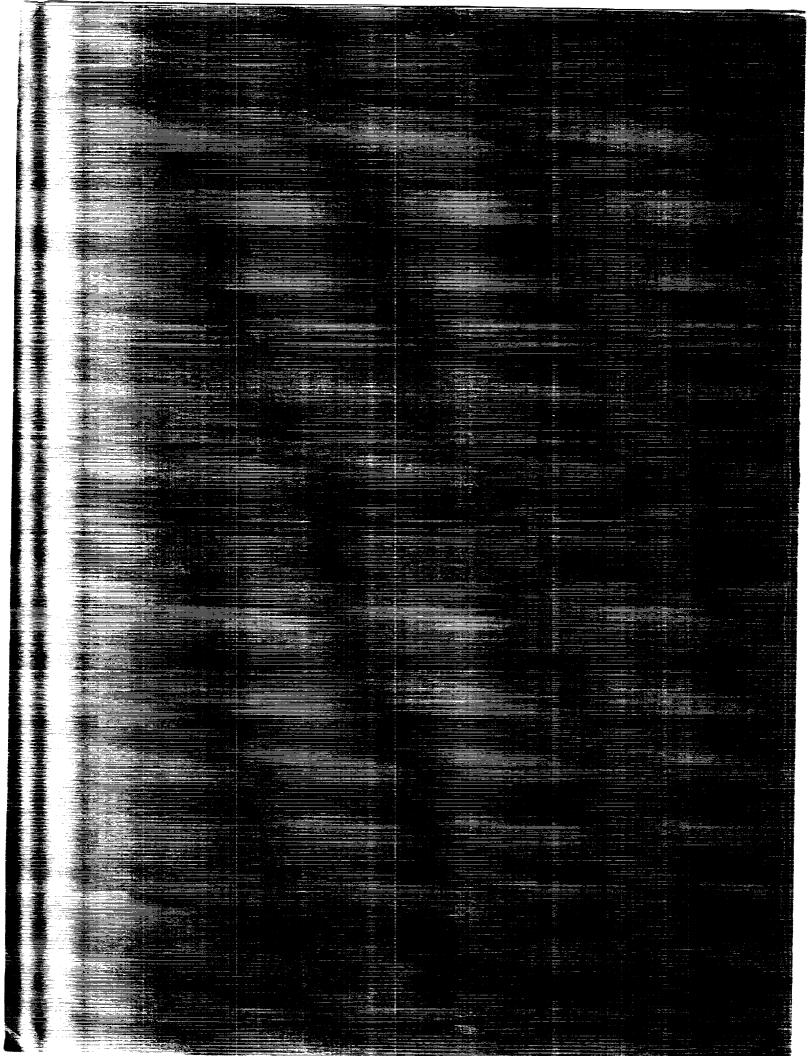
IN 11 78218 PG11

(NASA-TM-4344) THE 1989 SOLAR MAXIMUM MISSION EVENT LIST (NASA) 611 p

N92-25013

Unclas H1/92 0078278



## NASA Technical Memorandum 4344

# The 1989 Solar Maximum Mission Event List

B. R. Dennis Goddard Space Flight Center Greenbelt, Maryland

J. P. Licata and A. K. Tolbert ST Systems (STX), Inc. Lanhan, Maryland

## NASA

National Aeronautics and Space Administration Office of Management Scientific and Technical Information Program


### CONTENTS

I	Page
Introduction	1
Instrument Descriptions	5
Gamma Ray Spectrometer (GRS)	5
Hard X-Ray Burst Spectrometer (HXRBS)	7
X-Ray Polychromator (XRP)	11
Ultraviolet Spectrometer and Polarimeter (UVSP)	15
Coronagraph/Polarimeter (C/P)	17
Ground-Based, Radio and GOES X-Ray Data Descriptions	19
Front List	25


#### INTRODUCTION

This document is an interexperiment compilation of solar burst activity observed by the Solar Maximum Mission (SMM) during the calendar year 1989. Data from the following instruments are included:

- 1. Gamma-Ray Spectrometer (GRS)
- 2. Hard X-Ray Burst Spectrometer (HXRBS)
- 3. Flat Crystal Spectrometer (XRP-FCS)
- 4. Bent Crystal Spectrometer (XRP-BCS)
- 5. Ultraviolet Spectrometer and Polarimeter (UVSP)
- 6. Coronagraph/Polarimeter (C/P)

Also included are X-ray, radio, and optical data from the National Oceanic and Atmospheric Administration/U.S. Air Force solar observing network.

Several mission milestones affected data gathering. The following table documents those milestones:

- 1. February 14, 1980
- SMM launch.
- 2. March 3, 1980
- Light bulb on FCS crystal drive mechanism fails inhibiting crystal runs during 1980.
- 3. June 1980
- One HXIS microprocessor fails
- 4. September 23, 1980
- Final C/P image due to failure of the C/P Main Electronics Box.
- 5. November 23, 1980
- End of pointed observations due to Attitude Control System fuse failures.
- 6. June 1981
- HXIS fails.
- 7. November 1983 -April 1984
- Severely limited tape recorder usage due to conservation efforts prior to repair.
- 8. April 1984
- Repair mission restores fine pointing control and replaces C/P Main Electronics Box. Observations were not full-time until May due to spacecraft checkout.
- 9. April 26, 1985
- UVSP loses commandability of wavelength drive. Remains in UV continuum near 1385A (second order) after this date.
- 10. January 08-24, 1986
- On board computer memory failure.
- 11. January 28-30, 1986 and February 12-28
- Comet Halley observations.
- 12. December 7, 1986
- C/P Tape recorder C fails.
- 13. April 1, 1987
- C/P resumes operations at reduced rate using tape recorder A.
- 14. November 17, 1989
- Loss of fine pointing control.
- 15. November 17, 198916. November 23, 1989
- Pointed instruments turned off.Non-pointed instruments turned off.
- 17. November 24, 1989
- Solar array jettisoned
- 18. December 2, 1989
- SMM re-entry.

The SMM instruments had a wide range of spectral and temporal capabilities. Consequently, observed burst structure, timing, and evolution for a single event could differ greatly between the instruments, creating some ambiguities in correlating events. Additional ambiguities occurred when full disk instruments observed superposed bursts and limited field of view instruments observed only one source region.

Bursts observed by HXRBS formed the basis for this list. The instrument viewed the whole sun and high sensitivity data were taken continuously except during orbital night and South Atlantic Anomaly (SAA) passages. events were correlated with GOES X-ray, radio and optical data primarily by time coincidence, but also by burst magnitudes, profiles, and durations. observed by GRS were then incorporated. Flares in which the impulsive phase was not observed due to night or SAA were supplied by the additional BCS and FCS detected events. Other low temperature events without high energy signatures, such as those related to filament disruptions, were also added (GOES X-ray, radio, and optical data were included for the new events). C/P coronal mass ejections were incorporated, but with few correlations with other SMM When ground-based H-alpha observers reported the likely source, this information was included. The UVSP experiment file was scanned, and information on experiment modes, wavelength, etc. was added. Finally, the SMM computer pointing log was surveyed to provide the spacecraft location at the time of each event.

Every event observed during the mission has been assigned a unique event number, ranging between 1 and 12776 for events observed by HXRBS, and between 20001 and 23444 for events not observed by HXRBS. In this listing all information for each event is displayed in a multi-line block, one line per instrument. The first line gives the 'event time' (GOES peak time if available), the day of year (DOY) of the event, and the SMM pointing latitude, longitude, pitch, yaw, roll, and heliocentric angle. Lines for Optical, GOES, HXRBS, GRS, XRP-BCS, XRP-FCS, UVSP, C/P, Radio (Sweep Frequency), and Radio (Discrete Frequency) data follow if the information is available. In addition, on a particular line, entries are printed only if the item of information is available. Some events that were catalogued as separate events may actually be part of another event. In these cases, the 'associated event' information is listed immediately after the 'primary event,' separated by a dashed line.

Each instrument team has compiled individual event listings, most of which include more data than recorded here. Requests for those listings should be addressed to the appropriate Principal Investigator. Requests for access to the computer file from which this listing was derived should be made to the SMM Project Scientist. Software for manipulation of this file resides on the SMM Data Analysis Center VAX computer.

Many individuals on each instrument team were involved in the generation of the data used in this document. Without their efforts this compilation would not have been possible. The descriptive text for each instrument was provided by the individual instrument team.

#### SMM Project Scientist:

Dr. J.B. Gurman Code 682 NASA/GSFC Greenbelt, MD 20771

### SMM Principal Investigators:

#### **XRP**

Dr. K.T. Strong
Dept. 91-30, Bldg. 256
LPARL
3251 Hanover Street
Palo Alto, CA 94304-1187
415-354-5136

Dr. R. Bentley
MSSL
Holmbury St. Mary, Dorking
Surrey RH5, 6NS
ENGLAND
Forest Green: 30670-292

Dr. K.J.H. Phillips
Space and Astro Division
Rutherford Appleton Labs.
Chilton, Didcot
Oxfordshire, OX11, OQX
ENGLAND
Abingdon: 0235-446424

#### <u>GRS</u>

Dr. W.T. Vestrand
Physics Department
University of New Hampshire
Durham, NH 03824
603-862-2653

#### C/P

Dr. A.J. Hundhausen High Altitude Observatory P.O. Box 3000 Boulder, CO 80307 303-444-1550 FTS 320-1533

#### **HXRBS**

Dr. B.R. Dennis Code 682 NASA/GSFC Greenbelt, MD 20771 301-286-7983

#### **UVSP**

Dr. E. Tandberg-Hanssen Code ES-01 NASA/MSFC Huntsville, AL 35812 205-544-7578 FTS 872-0027

#### Gamma-Ray Spectrometer (GRS)

The Gamma-Ray Spectrometer was a wide field of view X-ray, gamma-ray, and neutron spectrometer which recorded energetic photons with energies from 10 keV to greater than 100 MeV and neutrons with energies greater than 50 MeV. High resolution energy spectra were recorded between 300 keV - 9 MeV with 16.384 s temporal resolution. Higher time resolution (64 ms, 1.024 s, and 2.048 s) is available in some energy windows. Further instrumental details can be found in Forrest et al. (Solar Physics 1980, 65, 15).

The following list of events includes only those solar flares identified by an increase in the observed counting rate between 300 - 400 keV. The identification procedure uses a combination of visual and computer based search techniques. The visual technique employs manual inspection of the counting rates in the main spectrometer channels 10 through 30 which corresponds to an energy loss interval of 298 - 445 keV. The computer technique uses a comparison of a predicted rate based on a running average with the observed rate to search for events with a large rate of change of count rate. Both techniques are most efficient for impulsive events.

The search techniques also identify a number of non-solar transients. Those transients include cosmic gamma-ray bursts, particle precipitation events, and transients generated by orbiting nuclear reactors. The procedure for identification of reactor induced transients and particle precipitation events is described in Rieger et al. (Nature, 244, 441). Cosmic gamma-ray bursts are identified by the absence of associated GOES events, their positions (when available from the interplanetary network), short durations, and hard spectra.

## Description of GRS entries:

- Start time expressed as hour:minute:second. All GRS times are based on 16.384 s Major Frame Pairs (MFP) required for a spectral accumulation between 0.3 and 9 MeV. Start time is the beginning time of the series of MFP which contains significant counts ≥300 keV. Therefore, the times and durations may diagree with other observations by up to 16.384 s.
- 2. End time in 300 keV flux, expressed in hour:minute:second.
- 3. Max.E.MeV the high-energy end of the channel band used for a power law spectral fit in MeV. The low-energy end of this band is always 300 keV. The high-energy end is determined by a statistical check of the data in 10 channel increments starting from the minimum required band channel 10 to 30. There may be gamma-ray emission above Max.E.
- 4. >10MeV 'Y' indicates presence of excess counts in the High Energy Monitor which requires energy losses >10 MeV.

- 5. Neutrons 'Y' flags events for which there is strong evidence that GRS has recorded delayed counts from a flux of solar neutrons giving energy loss >10 MeV.
- 6. Dur Duration of event in seconds (see warning note in description of start time above.

Additional information is available in the GRS Flare and Cosmic Burst data sets maintained at the University of New Hampshire. Contact the Principal Investigator for access to these data.

## Hard X-Ray Burst Spectrometer (HXRBS)

The Hard X-Ray Burst Spectrometer [L.E. Orwig, K.J. Frost, B.R. Dennis. Solar Physics 1980, 65, 25] was an actively-shielded CsI(Na) scintillation crystal with a sensitive area of 71 cm<sup>2</sup> and a circular field of view with a 40 degree FWHM. Thus, the whole sun was observed with no spatial information.

The basic scientific data from HXRBS consist of the counting rate recorded every 128 ms in each of 15 pulse-height channels. In-orbit calibration data showed that these channels covered the energy-loss range from 25 to 440 keV immediately after launch and then drifted slowly to higher energies since that time.

In addition to the 128 ms spectral data, an on-board circulating 32K-word memory stored count-rate data for the bigger flares with finer time resolution. The number of counts with a pulse-height between the bottom edge of channel 1 and the top edge of channel 15 was recorded in fine time intervals of 10, 5, or 1 ms as indicated by the flags "M", "M5" or "M1" respectively. The absolute time of all counting rate data is known to an accuracy of a few milliseconds, except where noted in the listing, thus allowing detailed comparisons to be made with other coincident observations.

Most of the events in this listing were discovered in the HXRBS data within a day after the observation. An average of about 90% of the SMM data was received at the Experimenters' Operations Facility at Goddard Space Flight Center a few hours after data transmission to the various ground stations. 24-hour data base was scanned each day for flares by plotting the counting rate in channel 2 as a function of time with 16 s time resolution. A flare which produced a 10% increase in counting rate lasting for a few seconds could be reliably detected above the 12 counts s-1 background rate typically measured in channel 2. This corresponds to a detection threshold level of approximately 10<sup>-3</sup> photons cm<sup>-2</sup> s<sup>-1</sup> keV<sup>-1</sup> at 30 keV. Once an event had been discovered in this way, a standard plot of counting rate versus time was made with the counts in all 15 channels added together. Generally, a time resolution of 1.024 s was used for this plot with a time scale of 1 or 2 minutes per inch depending on the duration of the event. (Photographic copies of these particular plots are produced on microfiche and are available from the National Space Science Data Center, Code 601, NASA/GSFC, Greenbelt, MD 20771.)

Each legitimate event was given a number, referred to as the HXRBS event number, that uniquely identifies the burst. The event numbers generally follow a chronological sequence, as most events were identified within 24 hours of their occurrence. A few bursts, however, were only discovered several months later upon scanning through the complete data set provided on magnetic tape by

the Information Processing Division (IPD) at GSFC. These IPD flares are flagged in the listing with the letter "I," and their event numbers are generally out of chronological sequence.

The event number, the start time, the peak time and the duration are given for every event in the listing. These times are generally accurate to approximately 5 s. The peak counting rate summed over all 15 channels is also listed. This rate was obtained from a rate versus time plot with a time resolution of 1.024 s. It is the total rate including the pre-flare background rate of about 40 counts s<sup>-1</sup> as indicated in Figure 1. For the larger flares, i.e. those with peak rates exceeding 100 counts s<sup>-1</sup> and/or durations of greater than 200 s, the total number of counts recorded during the flare in excess of the pre-flare background is also listed. This gives an indication of the overall size of the burst.

A comprehensive listing of all events detected with HXRBS from launch to December 1987 is provided in "The Hard X-ray Burst Spectrometer Event Listing 1980 - 1987" [B.R. Dennis et al., NASA Technical Memorandum 4036], and a complete event listing covering the entire mission will be published as a NASA Technical Memorandum in Fall 1991.

#### Description of HXRBS entries:

- 1. Start time expressed as hour:minute:second.

  Peak time expressed as hour:minute:second.

  End time expressed as hour:minute:second.
- 2. Peak...c/s peak rate in counts per second. This is the total rate in the full energy range covered by the instrument (channels 1-15) and does not have the pre-flare background rate subtracted (see Figure 1).
- 3. Qual Quality code as defined below:
  - 1- Entire event observed
  - 2 Start of event not observed
  - 3 End of event not observed
  - 4 Start and end of event not observed
  - 11 Entire event observed, but data missing due to night, SAA or other causes.
  - 12 Start of event not observed and data missing during event
  - 13 End of event not observed and data missing during event
  - 14 Start and end of event not observed and data missing during event
- 4. Tot Cts Total Counts, represents the integrated number of counts detected with HXRBS during the flare in excess of the pre-flare rate (see Figure 1).
- 5. MaxkeV the high energy edge in keV of the highest channel showing any increase in rate during the flare.

- 6. FLAGS the definitions of the letters in this column are as follows:
  - M Memory data available with 10 ms time resolution.
  - M1 Memory data available with 1 ms time resolution.
  - M5 Memory data available with 5 ms time resolution.
  - I Event discovered well after the event time, in data provided by the Information Processing Division.
  - SN Event started in spacecraft night.
  - EN Event ended in spacecraft night.
  - IN Event interrupted by spacecraft night.
  - SA Event started when SMM was in the South Atlantic Anomaly (SAA).
  - ES Event ended when SMM was in the SAA.
  - IS Event interrupted by the SAA.
  - SG Event started in a data gap.
  - EG Event ended in a data gap.
  - DG Data gaps during event.
  - AX Event is probably the result of passage through trapped charged particles.
  - ND Noisy data.
  - NS Possible non-solar event.
  - FS Event contains one or more fast spikes with durations of less than one second.
  - EW Experiment status file contains wrong on-time information.
  - GB Event is a Gamma-Ray Burst.
  - + Insufficient space to print all existing flags.

NOTE: The presence of an asterisk following the HXRBS header line indicates the following conditions for the following events:

EVENT #	COMMENT				
12143-12144	Gain change.	Energy range	30.0	to 461	keV.
12178-12182	Gain change.	Energy range			
12183-12218	Gain change.	Energy range			
12221-12314	Gain change.	Energy range			
12316-12319	Gain change.	Energy range			
12321-12525	Gain change.	Energy range			
12526-12543	Gain change.	Energy range			
12627	Gain change.	Energy range			
12628-12651	Gain change.	Energy range			
12653-12671	Gain change.	Energy range			

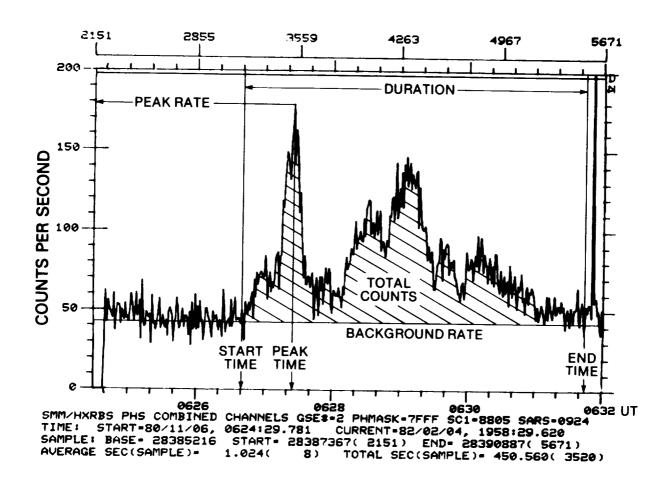


FIGURE 1: A standard plot of a hard X-ray burst (HXRBS event #1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end time, duration, peak rate, and total number of counts are indicated as they are determined for inclusion in the event listing.

### X-Ray Polychromator (XRP)

The primary objective of the X-Ray Polychromator [Acton et al., Solar Physics 1980, 65, 53] was to study the physical conditions in the corona for a variety of solar phenomena. This was achieved through the use of two complementary instruments: the Bent Crystal Spectrometer (BCS), which continuously monitored the spatially integrated high temperature flux from flares, and the Flat Crystal Spectrometer (FCS), which could image an area of up to 7 arcminutes square in six bright spectral lines simultaneously, or make rapid scans over a wide wavelength range or at high resolution across individual line complexes. XRP gathered data during the peak of solar cycle 21 (February to November 1980), during its decline (following the in-orbit repair of SMM in April 1984), and through the rise phase of cycle 22, until November 1989, when spacecraft fine-pointing was lost prior to reentry.

The XRP experiment was conceived to observe the spectral region between 1.4 and 22.4 Å. In the temperature regime of solar active regions and flares (2 - 50 million K), this region exhibits a rich emission-line spectrum. The experiment was especially prepared to take advantage of the plasma diagnostic opportunity offered by the spectra of helium-like ions and their satellites [Gabriel and Jordan, in McDaniel and McDowell (eds.), Case Studies in Atomic Collisions 1972, (Amsterdam:North-Holland), 2, 209]; [Dubau and Volonte, Rep. Prog. Phys. 1980, 43, 199].

The BCS had eight bent Bragg crystal spectrometers with position-sensitive detectors covering important X-ray lines of highly-ionized calcium and iron. It was collimated to 6 arcminutes FWHM and was capable of changing its time resolution from 11 s to less than 0.5 s by using dynamic memory and sacrificing The BCS was sensitive to the high-temperature spectral coverage or resolution. (T > 10 million K) component of the flare plasma; the data are used to determine electron temperature, emission measure, dynamics, and elemental abundances of the plasma, and to look for nonequilibrium effects. For large events, the measured BCS count rates must be corrected for a dead time of about 40 microseconds, part of which depends on the position of photons along the anode. At sufficiently high count rates, (e.g., from GOES mid-X class flares), spectral distortion resulted. At lower rates, there was a simple suppression of the count rate. The suppression was a 10% effect at about 2550 counts s-1 (corresponding to about a GOES class M4 flare). The maximum observable count rate in BCS Channel 1 was 8760 counts s<sup>-1</sup>, corresponding to an incident rate of 23800 counts s<sup>-1</sup>.

The FCS had seven Bragg crystal spectrometers that could be scanned in wavelength over a broad spectral range. At the "home position" of the wavelength drive, each of seven channels could monitor the emission from a prominent soft X-ray line. An additional channel produced a coarse-resolution solar white light image which could be used for coregistration. The FCS was

sensitive to a wide range of temperature (2 million K < T < 70 million K) and hence could detect everything from quiescent active regions to flares. By scanning its wavelength drive, the FCS could access an even wider range of soft X-ray lines and measure Doppler broadenings and shifts. However, electrical and mechanical problems with the FCS wavelength drive limited its ability to take spectra. (In 1980 only four FCS experiments involving wavelength scans were run; about 400 were run throughout the mission.) The FCS isolated specific areas in the corona for study by using its narrow 14 arcsecond collimation. Images could be built up by a series of raster scans across the region of interest, with alternate lines in opposite directions.

Over the life of the mission, several of the BCS and FCS detectors became BCS detectors 2 and 8 (high resolution Fe K-alpha and FE XXVI Lyman-alpha) failed during 1980; BCS detectors 1, 3, 4, 5, 6, and 7 operated throughtout the mission, with slow gain changes over time requiring occasional gain step adjustments. FCS detector 6, with its CA XIX resonance peak offset from home position, failed in 1980; FCS detector 2 (Ne IX at home position) failed in February 1985. After June 1987, FCS detectors 1, 3, and 4 (O VIII, Mg XI, and Si XIII at home position), the remaining low-energy detectors, were used only in campaign mode, to conserve the remaining gas supply for these thin-window flow counters as far as possible into cycle 22. August 1988, the FCS wavelength drive had lost scanning capability, although it could still be repositioned to the peaks of bright emission lines for imaging. April 1989, the flow-detector gas supply for detectors 1 and 3 was exhausted, and the FCS became a flare imaging instrument only. The detector histories and observing sequences, including the default and special observing modes, are detailed in the XRP Users' Guide and its accompanying appendices. catalogue of the FCS spectroscopic experiments run is also available.

The XRP Event Listing catalogues soft X-ray flares detected by the BCS instrument. For each event, the Start Time, Peak Time, and End Time in BCS Channel 1 (the Ca XIX channel) are given. The Start Time occurred when the BCS Ca XIX count rate rose above the background level up to 18 counts s<sup>-1</sup> and the End Time occurred when the event decayed back to that threshold. (Near threshold or for multiple events, these times are necessarily somewhat arbitrary, and depend on the exact integration time used.) However, some event times were determined by orbital sunrise or sunset, where the flare started before satellite day or was prematurely ended by satellite night. If an event reached its peak during orbital night, or during SAA passage when the XRP detectors did not operate, the maximum level observed during satellite day and the time of that maximum are listed. The peak rate includes all counts recorded in the channel, uncorrected for background or dead time. The peak times and peak rates in the low-resolution Fe XXV channel (BCS Channel 4) are also given,

even if these are not above background level. (A valid Ca XIX event may not have a corresponding valid event in the hotter Fe XXV channel.)

The FCS entries in the XRP Event Listing should be used with care. An event observed by the BCS was not necessarily observed by the FCS, even if the FCS was operating. The FCS could have been pointed away from the flare site at the time of the event, in a "sit and stare" mode (in which the raster drive was at rest), or in a spatial raster which did not include the flare site or did not sample the flare site at the time of the flare. The quoted FCS peak time is often the starting time of the most recent FCS raster map; this is given only if the raster duration included a BCS peak time, but no check was made on whether the flare site was included in the raster. If the FCS was in a "sit and stare" mode, the location was typically either the brightest pixel of a previous FCS raster map, or the FCS boresight, neither of which was necessarily the flare site. Thus, the quoted peak intensity may not be associated with the flare itself; it could simply be the maximum intensity in a raster map, a peak in "sit and stare" lightcurve data taken at a location possibly other than the flare site, or a peak in spectral data associated with scanning a bright emission line.

NOTE: The count rates and times in the XRP Event Listing should not be used directly for analysis, but rather as a guide for selecting data for a given study. Any analysis program should refer to the original data. Particular care should be used in dealing with Event Listing entries with rates near the 18 counts s<sup>-1</sup> threshold. Furthermore, derivation of physical parameters from BCS spectra for events with less than about 50 counts s<sup>-1</sup> may be difficult.

Description of XRP-BCS Entries:

- 1. Start Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 2. Peak Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 3. End Time in BCS Ca XIX channel, expressed as hour:minute:second.
- 4. Ca Peak..c/s peak BCS Ca XIX channel count rate in counts s<sup>-1</sup>.
- 5. QUAL quality code from 1 to 8, indicating completeness of the observation:
  - 1 entire event observed
  - 2 only start of event observed
  - 3 start and peak of event observed
  - 4 peak and decay of event observed
  - 5 only decay of event observed
  - 6 no data, or bad data
  - 7 only rise and decay observed (e.g., peak lost due to SAA)
  - 8 only peak observed (including 20% rise and 20% decay)
- 6. FePeak time of maximum count rate in Channel 4 (Fe XXV low resolution channel), not necessarily above the background level.

- 7. Fe Peak..c/s peak BCS channel 4 (Fe XXV) count rate in counts s<sup>-1</sup>, not necessarily above the background level.
- 8. # peaks number of peaks in Ca XIX observed, where intensities changed by at least 20%.
- 9. dt BCS accumulation time in seconds.
- 10. XEN XRP event number.

#### Description of XRP-FCS Entries:

- 1. Peak Time expressed as hour:minute. Note caveats above on relating this time to BCS event.
- 2. Peak3 FCS Detector #3 (Mg XI channel) peak intensity in counts s<sup>-1</sup>. Note caveats above on relating this intensity to the BCS event.
- 3. Rast raster size in arcseconds. Note: Rast=0"x0" denotes a "sit and stare" mode with the raster drive at rest.
- 4. Step raster step size in arcseconds (also the image pixel size). Possible step sizes were 5", 10", 15", or 20". Note: Step=0" implies a "sit and stare" mode.
- 5. Cad (cadence) duration of the FCS mode, e.g., the time to complete one raster (in seconds if < 10000 sec, in minutes if > 10000 sec); this is also the repeat time for a series of like rasters.
- 6. s/pixel dwell time in seconds at each pixel in the raster.

Additional data information is available in the "XRP Master Event File" stored in the SMM Data Analysis Center's VAX computer. Contact the XRP Principal Investigator for access to this file.

## Ultraviolet Spectrometer and Polarimeter (UVSP)

The Ultraviolet Spectrometer and Polarimeter [Woodgate et al., Solar Physics 1980, 65, 73] on SMM consisted of a Gregorian telescope, a polarimeter consisting of two retarders and a linear polarizer, an Ebert-Fastie spectrograph, and five photomultiplier detectors (four used in second order, 1170 - 1780A and one in first order, 1780 - 3600A). The telescope secondary was rasterable in 1" or greater increment steps over a field of view of 256" x 256", and a novel slit wheel offered a choice of 22 sets of entrance apertures and four or five corresponding exit slits. UVSP was thus able to sample several spectral lines simultaneously (or nearly so), or, by use of beamsplitting prisms behind the exit slits, to obtain Doppler velocity information in one or two spectral lines. wavelength drive allowed stepping of the spectrograph grating in increments of approximately 5 mA (in second order). Detector gating could be as short as 32 In normal operations, all of the mechanisms were controlled by a 4096word (16-bit) computer, which allowed the definition of a broad variety of experiment sequences. A Coalignment Adjustment System (CAS) allowed offsetting the entire UVSP for better alignment with other instruments of independent pointing.

## Description of UVSP entries:

Unlike the entries of the higher energy instruments, the UVSP event list entries describe whatever the instrument was doing during the time of the flare, regardless of whether or not the flare was observed by UVSP. The data in each entry consist of:

- 1. Start time Experiment start time (UT) expressed in hour:minute.
- 2. Wavelength in A, good to the nearest 4A (second order). If the experiment involved moving the wavelength drive, this is the initial (shortest) wavelength of the sequence.
- 3. Code Time code indicating the following:
  - 0 experiment includes the time of peak GOES emission
  - 1 experiment includes ten minutes before the GOES peak
  - 2 experiment includes ten minutes after the GOES peak
- 4. Exp # UVSP experiment number. Each UVSP experiment is identified by a unique number, that in turn identifies the disk or tape file containing the data: data from experiment nnnnn will be found in playback (final data) file Vnnnnn.PB (.FD).
- 5. Rast total size of the raster pattern, or, for a single pixel experiment, the aperture size, in arcseconds. The first dimension is North South (spacecraft Y-axis, UVSP x-axis), the second, East West (spacecraft Z-axis, UVSP y-axis).

- 6. Step secondary mirror step size, in arcseconds; zero for experiments in which the secondary mirror was not rastered ("sit and stare" experiments).
- 7. Pitch, Yaw Raster center coordinates relative to disk center; these will differ from spacecraft pointing only when CAS motions have offset UVSP relative to the spacecraft boresight.

## Coronagraph/Polarimeter (C/P)

The High Altitude Observatory Coronagraph/Polarimeter [R.M. MacQueen et al., Solar Physics 1980, 65, 91] was an externally occulted, white-light coronagraph which recorded the solar coronal radiance from Thomson-scattered electrons (through a broad-band filter, 500-535 nm wavelength) and the presence of hydrogen alpha emission from cool ejecta at the solar limb (through a 654.3-658.3 nm filter). Images were recorded in total intensity and in three different planes of linear polarization. Images were obtained in a time cadence as rapid as once per several minutes or as infrequently as several times per orbit.

The list of coronal mass ejections stems from a visual examination of all video images obtained by C/P and analyzed by direct video display. Consecutive images were "toggled" and changes in the corona were readily apparent to the viewer in most cases. In the more obscure cases, images were digitally subtracted pixel-by-pixel from an earlier base image, thereby enhancing faint or subtle changes that occurred during the time between the images. A complete listing of SMM mass ejections is provided in "A Catalogue of Mass Ejections Observed by the Solar Maximum Mission Coronagraph" [O.C. St. Cyr and J.T. Burkepile, NCAR Technical Note 352 1990]. A "revised and expanded" edition of this catalog will be published by December 1991.

Any user of the information on the C/P list should be aware that it is derived from two-dimensional images and thus represents a "projection" onto a plane normal to the sun-earth line. In particular, measured position angles can be directly converted to solar latitudes only for structures near the solar limb. Measured speeds are similarly components projected on a plane.

Description of C/P entries:

- 1. Start time expressed in hour:minute. The 'start' time is the time of the earliest coronagraph image on which the primary structure identified as the mass ejection (for example, a bright loop) is visible within the coronagraph field of view.
- 2. PA the location of the event center described in position angle, measured in the conventional sense (from solar north to east). The center is calculated as the mid-point between the position angles of the bright edges of the mass ejection "primary structure" at its greatest extent.
- 3. Extrapolated Start Time An extrapolated start time can be determined for those mass ejections with speed measurements. A linear least-squares fit of the event's data points on a time versus height plot yields the speed directly. The intersection of the line with altitude one

R (i.e. the solar limb) produces an extrapolated departure time. The extrapolated start time thus represents an estimate of the time of the initiation of the mass ejection, assuming an initial altitude of one R and assuming a constant velocity.

R and assuming a constant velocity.

1. Comments - some entries also include comments on the visual appearance of the event. More comprehensive descriptions of each

event are available from HAO.

## Ground-Based, Radio, and GOES X-Ray Data

Most of the ground-based and all radio and GOES X-ray data were supplied by the NOAA/USAF network observatories and geosynchronous sensors. When no ground-based data on a particular event was available from the network, the Solar and Geophysical Data Prompt and Comprehensive Reports issued by the World Data Center-A were consulted.

GOES data entries were extracted from the Space Environment Services Center (SESC) "Edited Events" and "Solar Events" listings. On the occasion that neither of these lists were available for correlation with HXRBS and XRP events, the GOES times were visually extrapolated from the GOES 3-second average plots.

Optical flare correlations were based primarily on time coincidence with instrument-detected events. Locations given indicate flare site, not SMM pointing. SMM pointing information, when available, is supplied elsewhere in the entry. Multiple optical flare reports are listed when other regions produced flares in coincidence with the instrument-detected event. The first optical event listed is that which best corresponds to the SMM-detected event. There are also entries indicating multiple bursts detected by the SMM instruments for single optical and soft X-ray flares.

The following descriptions and definitions should aid in deciphering the ground based data. For more comprehensive definitions consult the pamphlet "Descriptive Text - Contents of Preliminary Report and Forecast of Solar-Geophysical Data Activity", available from the Space Environment Services Center (SESC) at the address below:

NOAA/SEL R/E/SE2 325 Broadway Boulder, CO 80303-2238

## Description of optical entries:

- 1. Ha Classification Indicates size and brightness of flare in the form XY where X is one of the following area codes:
  - S Subflare (area < 2.0 sq. degrees)
  - 1 Importance 1 (2.1 \( \) area \( \) 5.1 sq. degrees)
  - 2 Importance 2 (5.2 \( \) area \( \) 12.4 sq. degrees)
  - 3 Importance 3 (12.5  $\leq$  area  $\leq$  24.7 sq. degrees)
  - 4 Importance 4 (area 2 24.8 sq. degrees)
  - and Y is one of the following brightness codes:
    - F faint
    - N normal
    - B brilliant

For non-flare reports, the following codes are used to describe the event:

BSL - Bright surge on limb

LPS - Loop prominence system

ASR - Active surge region

SPY - Spray

EPL - Eruptive prominence on limb

APR - Active prominence on limb

- 2. Location Location of the flare in heliographic coordinates.
- Region # (AR) SESC-assigned active region number.
- MacIntosh sunspot classification (Mac.) Three letter descriptive code
   (Zpc) indicating white light configuration of sunspot group:
  - Z Modified Zurich class A through H
  - p Describes penumbra of largest spot in group:

x = no penumbra

r = rudimentary

s = symmetric

a = small asymmetric

h = large symmetric

k = large asymmetric

c - Sunspot distribution:

x = single spot

o = open

i = intermediate

c = compact

- 5. Heliocentric angle (H.Ang.) Value in degrees of the angular displacement between the optical flare location and the actual Sun center point.
- 6. Carrington Longitude (Carr.Lon.) Carrington Longitude in degrees of the optical flare location.

## Description of discrete frequency radio burst entries:

Flux unit peak value above pre-burst background at frequencies of 245, 415, 606, 1415, 2695, 4995, 8800, and 15400 MHz.
 1 flux unit = 10<sup>-22</sup> Wm<sup>-2</sup>Hz<sup>-1</sup>

## Description of sweep frequency radio event entries:

1. Type and intensity of dynamic radio events in the 25-75 MHz range. Type codes are:

Type I - Long lived dekametric continuum burst

Type II - Slow drift burst

Type III - Fast drift burst

Type IV - Broadband smooth continuum burst

Type V - Brief continuum burst associated with Type III

Intensity codes are:

- 1 minor
- 2 significant
- 3 major

Description of GOES entries:

- Start time expressed in hour:minute. Start time of X-ray burst (based on one minute averages of 3 second data).
- Peak time expressed in hour:minute.
- End time expressed in hour:minute. Time when flux level decays to point halfway between maximum level and pre-flare background.
- Importance Classification of burst according to peak energy in Wm<sup>-2</sup>, 1-8A band. Form of code is Zn where Z is:
  - $A < 10^{-7}$

  - $X > 10^{-6}, < 10^{-4}$

and n is a numerical multiplier from 1 to 9. Thus, a C3 burst indicates a peak flux of 3 x 10<sup>-6</sup> Wm<sup>-2</sup>.

- Quality Code (Qual) the code indicates where the GOES X-ray bursts occur in relation to SMM day/night transitions and passages through the South Atlantic Anomaly:
  - 0 No correlation of event with GOES data
  - 1 Entire event observed
  - 2 Only start of event observed
  - 3 Start and peak of event observed
  - 4 Peak and decay of event observed
  - 5 Only decay of event observed
  - 6 No GOES data available during event

1989 SOLAR MAXIMUM MISSION EVENT LISTING

	•	 

	times Ha.	M Pointing: Class=SN	S18W55 S22W62	AR5292	Pitch=+272", ya Mac.=F41	, Yaw=-766", Roll=Odeg	11=0deg	H.Ang=56deg
33	= 0 10		Qual=03 Qual=01 Qual= 1	Tot Cts=1313 FePeak=16:33	MaxkeV=102 FePeak.c/s=39	#Peaks=1	.=160deg dt= 7.7s	H.Ang=63deg XEN=900103
	Wav	elength=2	1	Exp #=81693	Rast=180"x1"	Step=0"	cad=.26s Pitch=+1	0.256s/pixel 52", Yaw=-623"
mes .	E G	Pointing:   Class=SE	S18W57	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	74"	,Yaw=-782",Rol	, Roll=Odeg	H.Ang=58deg
37	age age	Importance=C5 Peakc/s=54 CaPeak.c/s=185	019W13 Qua]=01 Qua]=01 Qual= 1	AK53U3 Tot Cts=1180 FePeak=18:20	Mac.=DAO MaxkeV=102 FePeak.c/s=49	Carr.Lon.=113deg Flags=1 #Poakc=1 d+= 2	•".	H.Ang=22deg
.es	>	elength=2788A		Exp #=81696	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+3"	1.024s/pixel ,Yaw=+24"
times	i							
Hap. Cap.	= -	Class=SF ortance=C4 eak.c/s=23	S19W16 Qual=01 Qual= 4	AR5303 FePeak=19:38	Mac.=DAO		=113deg	H.Ang=22deg
Wav	_	8A		Exp #=81697	Rast=0"x0" Rast=180"x1"	*reaks=1 Step=0" Step=0"	<pre>ut= /./s Cad=1.02s Pitch=+153</pre>	XEN=900105 1.024s/pixel ",Yaw=-638"
aes								
CaP		eak.c/s=23 (	Qua]=00 Qua]= 4	FePeak=19:57	FePeak.c/s=8	#Peaks=1		XFN=QOOLOG
Wav	·	elength=2788A		Exp #=81698	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+154'	1.024s/pixel ", Yaw=-643"
mes Ha.	• • •	HaClass=SF	S19W59	AR5292	Mac.=EAI	Carr.Lon.=	=155deg	H. Ana=60dea
Cape		8	Qual= 1 F	FePeak=20:24 Exp #=81698	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s ) Cad=1.02s ) Pitch=+154"	XEN=900107 1.024s/pixel ,Yaw=-643"
SIMM		ting:	S18W59		Pitch=+275", Yaw=	, Yaw=-798", Roll	, Roll=Odeg	H.Ang=60deg
Š Š	. نة	: -ED[ -		AR5295		Carr.Lon.=185deg	185deg	H.Ang=89deg
CaPeak	تة بد	c/s=45 ak.c/s=83	Qual=01 T Qual= 1 F	Tot Cts=104 FePeak=23:21	MaxkeV=102 FePeak.c/s=14 Rast=0"x0"		dt= 7.7s	(EN=900109
May	ev	length=2788A	ш	Exp #=81702		Step=0"	cdu=.20s Pitch=+155"	0.2565/p1xel ", Yaw=-657"

		1	1	1	, i	
XEN=900108 1.024s/pixel ", Yaw=-653"	H.Ang=76deg XEN=900200 1.024s/pixel ',Yaw=-849"	H.Ang=64deg '',Yaw=-867"	H.Ang=64deg XEN=900201 1.024s/pixel ", Yaw=-858"	H.Ang=72deg XEN=900202 3840s/pixel 5", Yaw=-284"	XEN=900203 1.024s/pixel 0", Yaw=-706"	XEN=900204 1.024s/pixel 1", Yaw=-712"
dt= 7.7s ) Cad=1.02s ] Pitch=+154",	7s 02s +307	,Roll=Odeg	s=1 dt=7.7s X 0" Cad=1.02s 1 0" Pitch=+313",	.=162deg H dt= 3.8s X Cad=3840s Pitch=-835",	dt= 7.7s X Cad=1.02s 1 Pitch=+160",	dt= 7.7s Cad=1.02s Pitch=+161"
#Peaks=1 Step=0" Step=0"	Carr.Lon.=166deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	,Yaw=-832",Rol Step=0"	, Yaw=-832", Rol 11 #Peaks=1 Step=0" 1" Step=0"	Carr.Lon #Peaks=1 Step=0" Step=5"	#Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"
FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	Mac.=EAI FePeak.c/s=12 Rast=0"x0" Rast=10"x10"	Pitch=+278", Yaw MaxkeV=144 Rast=10"x10"	Pitch=+278", Yaw MaxkeV=102 FePeak.c/s=11 Rast=0"x0" Rast=10"x10"	Mac.=EAI FePeak.c/s=17 Rast=0"x0" Rast=265"x265"	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"
22142 :40 01	DOY=2. AR5290 FePeak=03:49 Exp #=81727	Tot Cts=79 Exp #=81743	Tot Cts=111 FePeak=07:12 Exp #=81745	AR5292 FePeak=08:26 Exp #=81746	FePeak=11:43 Exp #=81756	FePeak=13:19 Exp #=81758
sociated Qual= 5.	89/01/02 N2OW74 Qual=01 Qual= 1 Code=00	\$18W63 Qual=00 Qual=01	\$18W63 Qual=01 Qual=01 Qual= 1 Code=00	\$22W72 Qual=05 Qual= 5 Gual= 5	Qual=00 Qual= 5	Qual=00 Qual= 5 3A
CaPeak.c/s=20 Wavelength=2788A	HaClass=SF Importance=C3 CaPeak.c/s=24 Wavelength=1375A	SMM Pointing: Peakc/s=43 Wavelength=1375A	SMM Pointing: Importance=C3 Peakc/s=42 CaPeak.c/s=38 Wavelength=1375A	HaClass=SF Importance=C4 CaPeak.c/s=74 Wavelength=1375	CaPeak.c/s=22 Wavelength=2788A	CaPeak.c/s=27 Wavelength=2788A
22:43 C	End times H 03:56 I 03:53 C	End times 07:08:49	End times 07:20 07:11:03	End times 08:32 08:48	End times 11:52	End times 13:23
22:40	00Y=2 Peak 03:51 03:51	DOY=2 Peak 07:08:27	DOY=2 Peak 07:14 07:10:45 07:12	D0Y=2 Peak 08:24 08:26	5 D0Y=2 Peak 11:45	6 DOY=2 Peak 13:19
22:40	# = 22143 1/02,03:51 Start cal 03:44 03:49	t # = 10053 1/02,07:08 Start S 07:08:24 06:58	t # = 10054 1/02,07:14 Start 07:10 S 07:10:38 07:11	Event # = 22144 89/01/02,08:24 Start Optical GGES 08:16 BCS 08:26 FCS 08:22	t # = 22145 1/02,11:45 Start 11:43 11:56	t # = 22146 1/02,13:19 Start 13:19 13:31
BCS FCS UVSP	Event #89/01/0 0ptica GOES BCS FCS UVSP	Event 89/01/ GOES HXRBS UVSP	Event 89/01/ 60ES HXRBS BCS FCS FCS UVSP	Event # 89/01/02 0ptical 60ES 6CES FCS UVSP	Event 89/01, 60ES BCS FCS UVSP	Event 89/01, 80ES BCS FCS UVSP

/02,16:05 Start 16:00 16:02 15:50	t # = 22148 1/02,17:22 DOY=2 Start Peak End	GOES 17:12 17:22 17:30 BCS 17:21 17:23 17:30 FCS	17:24 Sweeps Type/Intens	# = 10055 /02,19:10 DOY=2 Start Peak End	8 19:10 22:0	21:20 21:22 21:2 21:20 21:25 21:2	18:58 Frequency(MHz)/Flux(sf	= 100#	//3,03.08 DOY=3 Start Peak End t	GOES 03:02 03:08 03:50 HXRBS 03:04-08 03:04:41 03:05	03:34	DOY=3 Peak End t	06:30 06:35 06:47 S 06:32:53 06:33:03 06:33: 06:33 06:36 06:43		Event # = 22150 89/01/03,07:50 DOY=3 Start Peak End ti GOES 07:44 07:50 08:10 BCS 07:48 07:49 08:02	
times 15 35	times	00	ity:	times		58	fu): 2		imes	?	71:	Se S	37	<u> </u>	mes I	) 3
Importance≃C3 CaPeak.c/s=31 Wavelength=1375A		HaClass=SF Importance=C5 CaPeak.c/s=151	Wavelength=1375A III/1	SMM Pointing:	Code=LPS Importance=M2	Peakc/s=300 CaPeak.c/s=23	avelength= 45/65 1415,		~	.Class=SF ^tance≃C6	Wavelength=2788A	SMM Pointing:	Importance=C4 Peakc/s=50 CaPeak.c/s=34	avelength=2788A	mportance=C4 (	38A
Qual=03 Qual= 7 A Code=01		\$20W67 Qual=05 Qual= 1	Code=02	S18W70	N23W39 Qual=03	Qua]=14 Qua]= 2	1375A Code=00 /57 2695/240 4	89/01/03	S18W75	S19W37 Qua]=04	Qual=01	S18W75	Qual=03 Qual=01 Qual= 1	Code=02	Qua]=01	
FePeak=16:04 Exp #=81761		AR5292 FePeak=17:23	Exp #=81763		AR5290	Tot Cts=1.09E+5 FePeak=21:21	Exp #=81765 4995/370 8800/370	3 D0Y=3		AR5303	Tot Cts=298 Exp #=81797		Tot Cts=117 FePeak=06:36			Exp #=81801 p
FePeak.c/s=8 Rast=0"x0" Rast=265"x265"		Mac.=EAI FePeak.c/s=27	Rast≃0"x0" Rast=265"x265"	Pitch=+283",Yaw	Mac.=EAI		Rast=0"x0" Rast=265"x265" 15400/160		Pitch=+287", Yaw=-	Mac.=DAI	MaxkeV=144 Rast=180"x1"	Pitch=+287", Yaw=	α			rePeak.c/s=22 Rast=0"x0" Rast=243"x243"
#Peaks=1 Step=0. Step=5:	-	Carr.Lon.	Step=0" Step=5"	Yaw=-873", Roll:	Carr. Lon.		Step=0" Step=5"		897"	Carr.Lon.=117deg	Step=0"	, Yaw=-897", Roll	_	-	i	#Peaks=1 (Step=0" (Step=3" F
dt= 7.7s Cad=1.02s Pitch=+289"		=152deg	ut- 3.05 Cad=.26s Pitch=+290	]=0dea	=123deg	SN, EN, IS, DG	ut- /./s Cad=1.02s Pitch=+291"		, Roll=Odeg	:117deg	Pitch=+167"	, Roll=Odeq	,	dt- /./s Cad=1.02s		dt= 3.8s x Cad=.26s 0 Pitch=+297",
XEN=900205 1.024s/pixel ", Yaw=-891"		H.Ang≈67deg ∨rw_oogge	AEN=900206 0.256s/pixe ",Yaw=-896"	H. Ang=70deg	H.Ang=46deg		AEN=90020/ 1.024s/pixel ',Yaw=-901"		H.Ang=74deg	H.Ang≖39deg	, Үам=-751"	H. Ang=74deg				XEN=900301 0.256s/pixel ",Yaw=-931"

Event # = 10058 89/01/03,09:28			SMM Pointing:	S18W77		Pitch=+290", Yaw=-907", Roll=0deg	907", Roll	=0deg	H.Ang=77deg
Start GOES 09:25 HXRBS 09:26:27 UVSP 09:48	Peak 09:28 09:26:54	End times 09:40 09:27:56	Importance=C4 Peakc/s=67 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=1139 P Exp #=81802	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+170", Yaw=-763"	, Yaw=-763"
Event # = 22151 89/01/03,11:00 Start GOES 10:53 BCS 11:04 FCS 11:22	DOY=3 Peak 11:00 11:05	End times 11:18 11:27	Importance=C9 CaPeak.c/s=258 Wavelength=2788A	Qual=05 Qual= 5	FePeak=11:05 Exp #=81804	FePeak.c/s=30 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=.26s Pitch=+171	XEN=900302 0.256s/pixel ", Yaw=-765"
Event # = 10059 89/01/03,11:29 Start Optical GOES 11:23 HXRBS 11:25:09	DOY=3 Peak 11:29 11:25:32	End times 11:43 2 11:25:42	SMM Pointing: HaClass=SF Importance=C7 PeakC/s=106 Wavelenth=7788A	\$18W77 \$18W35 Qual=02 Qual=01 Code=00	AR5303 Tot Cts=658 Exp #=81804	Pitch=+290", Yaw Mac.=DAI MaxkeV=102 Rast=180"x1"	',Yaw=-907",Roll=Odeg Carr.Lon.=110deg 1" Step=0" Pitch=	1=0deg =110deg Pitch=+171	=0deg H.Ang=77deg 110deg H.Ang=37deg Pitch=+171", Yaw=-765"
- K	DOY=3 Peak 13:50 13:45:1	End times 14:48 6 13:45:55 5 13:42:13	SMM Pointing: SHaClass=SF Smootance=M1 (Peakc/s=51 (Wavelength=2788A (Peakc/s=61 (Peak.	\$03W00 \$15W53 Qual=02 Qual=01 A Code=01 Associated Qual=01	AR5297 Cts=652 #=81807 it # = 10060 Cts=453	Pitch=+0", Yaw=+0", Roll=0deg Mac.=EAI Carr.Lon.=1 MaxkeV=102 Rast=180"x1" Step=0" P MaxkeV=102	tO",Roll=Odeg Carr.Lon.=127deg Step=O" Pitch=	27deg .itch=+3"	H.Ang=Odeg H.Ang=53deg ,Yaw≡+24"
Event # = 10062 89/01/03,17:38 Start Optical GOES 17:33 HXRBS 17:34:13 UVSP 17:36 Radio Frequend	# = 10062 03,17:38 D0Y=3 Start Peak End t 1 17:33 17:38 17:55 17:34:13 17:34:50 17:55 17:36 Frequency(MHz)/Flux(s'	:imes 3 7:07 fu):	SMM Pointing: SHaClass=SF Planortance=M2 (Wavelength=2788A 8800/62	S03W00 N24E67 Qual=03 Qual=01 Code=00	AR5307 Tot Cts=23000 Exp #=81812	Pitch=+0", Yaw=+1" Mac.=HAX CG MaxkeV=230 Rast=180"x1" S	+1",Roll=Odeg Carr.Lon.=5deg Step=O" Pitc	leg H.Ang=0 .=5deg H.Ang=7 pitch=+3", Yaw=+24"	H.Ang=Odeg H.Ang=71deg ,Yaw=+24"
Event # = 10063 89/01/03,18:23 Start Optical GOES HXRBS 18:23:13 UVSP 18:11	33 DOY=3 Peak 13 18:23:28	End times 28 18:23:31	SMM Pointing: HaClass=SF Peakc/s=58 Wavelength=2788A	S18W82 S17W46 Qual=00 Qual=01	AR5303 Tot Cts=108 Exp #=81813	Pitch=+295", Yaw=-920" Mac.=DAI Carr. Maxkev=102 Rast=180"x1" Step=	w=-920",Roll=Odeg Carr.Lon.=117deg Step=0" Pitch=	,Roll=Odeg Lon.=117deg O" Pitch=+174	=0deg H.Ang=81deg 117deg H.Ang=47deg Pitch=+174", Yaw=-774"

215,	3								
89/01/03,20:33 Start Soes	DOY=3 Peak	End times	5	,					
∞	20:33	20:48	CaPeak.c/s=60	Qua]=00 Qua]= 1	FePeak=20:32	FePeak.c/s=11	#Peaks=1		XEN=900303
3			Wavelength=2788A	⋖	Exp #=81816	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"		0.256s/pixel ",Yaw≈-776"
99 20	DOY=3 Peak	Fnd + imp	SMM Pointing:	S18W84		Pitch=+296", Ya	, Yaw=-924", Roll=0deg	11=0deg	H.Ang=83deg
21:54 21:53:53 22:16	21:56 21:54:	22:02 15 21:54:29	Importance=C3 Peakc/s=54 Wavelength=2788A	Qual=01 Qual=01 A	Tot Cts=261 Exp #=81818	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+176"	", Yaw=-777"
AKE				89/01/04	04 D0Y=4				
89/01/04,00:54 Start	DOY=4 Peak	End times	SMM Pointing:	S18W84		Pitch=+296", Yaw	, Yaw=-924", Ro]	, Roll=Odeg	H.Ang=83deg
	00:54	01:02	HaClass=SF Importance=C4	N24E64 Oual=01	AR5307	Mac.=DAO	Carr.Lon.=4deg	=4deg	H.Ang≃68deg
00:48:56 00:54 Weeps		0:50:08 ensity:	Peakc/s=60 Wavelength=1375A III/2	Qual=01 Qual=01 Code=02	Tot Cts=427 Exp #=81823	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+305"	', Yaw=-914"
Event # = 10066 89/01/04,04:08 Start	DOY=4 Peak	End times	SMM Pointing:		AR5292				
:38	04:08:32	2 04:09:17	Peakc/s=121 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=2577 Exp #=81840	MaxkeV=144 Rast=130"x130"	Step=5"	Pitch≈+305",Yaw≖-927"	, Yaw=-927"
t # = 22153 1/04,08:49 Start	DOY=4 Peak	End times							
	08:49	09:17	CaPeak.c/s=35	Qua]=00 Qua]= 5	FePeak=08:49		#Peaks=1	dt= 7.7s	XEN=900400
			Wavelength=1375A		Exp #=81859	Rast=0"x0" Rast=110"x200"	Step=0" Step=5"	Cad=1.02s Pitch=+230'	1.024s/pixel , Yaw=-943"
# = 22154 /04,12:12 Start 12:01 12:06	DOY=4 Peak 12:12 12:11	End times 12:58 12:25	Importance=C3 CaPeak.c/s=53	Qua]=03 Qua]= 1	FePeak=12:08		#Peaks=1	dt= 3.8s	XFN=Q00401
	16.14		Wavelength=2788A		Exp #=81866	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s 0 Pitch=+180",	0.256s/pixel ", Yaw=-743"
Event # = 10067 89/01/04,14:56 Start Coes 14:46	DOY=4 Peak	шes		S18W88		Pitch=+301", Yaw	, Yaw=-929", Roll=Odeg		H.Ang=87deg
55	14:56 14:49:00 14:49	15:35 14:50:11 15:32	Importance=C9 Peakc/s=71 CaPeak.c/s=96	Qua]=02 Qua]=03 Qua]= 2	Tot Cts=1719 FePeak=14:49	MaxkeV=102 FePeak.c/s=25 Rast=0"x0"	Flags=EN #Peaks=1 Step=0"	dt= 3.8s	XEN=900402 3840s/pixel

Event # = 10068 89/01/04,16:15	D07=4	-	SMM Pointing:	S03W00		Pitch=+0",Yaw=+0",Roll=Odeg	H.Ang=Odeg
Start GOES 16:02 HXRBS 16:09:35	Peak 16:15 16:12:12	End times 16:37 16:17:24	Importance=C8 ( Peakc/s=80 (	Qual=03 Qual=01	Tot Cts=6833	MaxkeV=102	
Event # = 10069 89/01/04,16:59 Start Optical GOES 16:50 HXRBS 16:54:34	DOY=4 Peak 16:59 16:57:12	End times 17:12 17:03:32	SMM Pointing: HaClass=1N Importance=C9 Peakc/s=32	\$20000 \$20000 \$20000 \$1=04 \$1=02	AR5303 Tot Cts=3183	Pitch=-5",Yaw=+1",Roll=Odeg Mac.=DAI Carr.Lon.=119deg MaxkeV=102 Flags=SN	H.Ang=Odeg H.Ang=61deg
Event # = 10070 89/01/04,18:05 D0 Start Pe Optical GOES 17:46 18 HXRBS 17:49:11 17 Radio Frequency(	DOY=4 Peak 18:05 17:52:5 cy (MHZ)/	End times 20:11 38 18:08:34 Flux(sfu):	SMM Pointing: HaClass=1N Importance=M5 PeakC/s=468 245/320 410/130 6	S37W00 S2OW60 Qual=03 Qual=11	AR5303 Tot Cts=1.12E+5 5/82 2695/300 4	\$37W00	H.Ang=34deg H.Ang=61deg
··· _	DOY=4 Peak 20:57 20:52:3	End times 21:15 8 20:53:29	SMM Pointing: Importance=C7 Peakc/s=60	\$03W00 Qual=01 Qual=01	Tot Cts=1166	Pitch=+0",Yaw=+5",Roll=Odeg MaxkeV=102	H.Ang≃Odeg
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	89/01/05	5 D0Y=5		
Event # = 1007. 89/01/05,02:26	3 DOY=5		SMM Pointing:	S04W00		pitch=+0", Yaw=+0", Roll=Odeg	H.Ang=Odeg
Start GOES 02:21 HXRBS 02:23:44 UVSP 02:57	Peak 02:26 4 02:23:5	End times 02:32 5 02:23:58	Importance=C3 Peakc/s=42 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=107 Exp #=81868	MaxkeV=102 Rast=180"x1" Step=0" Pitch=+3	Pitch=+3",Yaw=+30"
Event # = 10074 89/01/05,04:48	4 DOY=5		SMM Pointing:	N83W00		Pitch=-976",Yaw=+0",Roll=Odeg	H.Ang=87deg
tart 4:43:0 4:48	7 04:48:	52:37	Peakc/s=77 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=7724 Exp #=81871	MaxkeV=320 Flags=AX Rast=243"x243" Step=3" Pitch=-969",	69", Yaw=+13"
Event $\# = 10075$	100		SMM Pointing:	S18W63		Pitch=+271", Yaw=-828", Roll=Odeg	H.Ang=63deg
	Peak	End times	HaClass=SF	\$19E59	AR5309	Mac.=HSX Carr.lon.=352deg	H.Ang=60deg
GOES 06:35 HXRBS 06:34:4 UVSP 06:27	06:40 6 06:35:	07:17 07 06:35:26	Importance=C4 Peakc/s=122 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=718 Exp #=81875	MaxkeV=144 Rast=243"x243" Step=3" Pitch=+2	Pitch=+281",Yaw=-810"

					1	1		1			1			1	
H.Ang=63deg	Pitch=+282",Yaw=-816"	H.Ang=63deg	H.Ang=58deg	5",Yaw=-715"		H. And=60dea	, Yaw=+30"		2000	ut= 3.6s		, 03000 - NJX		H. Ang=66deg	, Yaw=-671"
, Roll=Odeg	Pitch=+28	, Roll=Odeg	Carr.Lon.=352deg	Pitch=+275"	Pitch=+20	=0dea	ch=+3"						Cad=1.02s 1 Pitch=+158",	]=0dea	Pitch=+158"
, Yaw=-828", R	Step=5"	, Yaw=-828", Rc	Carr.Lor	Step=0"	Step=0"	=-843", Roll	Step=0"			Step=0"		#Deake=1	Step=0" Step=0"	w=-852", Ro]	Step=0"
Pitch=+271",	MaxkeV=102 Rast=70"x70"	Pitch=+271",	Mac.=HSX	MaxkeV=187 Rast=10"x10"	HaxkeV=102 Rast=10"x10"	Pitch=+6", Yaw=-843", Roll=Odeg	MaxkeV=102 Rast=180"x1"		Febeak.c/s=10	Rast=0"x0" Rast=180"x1"		FePeak.c/s=7	Rast=0"x0" Rast=180"x1"	Pitch=+278", Yaw=-852", Roll=0dea	MaxkeV=102 Rast=180"x1"
	Tot Cts=225 Exp #=81877		AR5309	Tot Cts=2410 Exp #=81880	Event # = 10079 Tot Cts=114 Exp #=81882		Tot Cts=1116 Exp #=81886		FePeak=14:04	Exp #=81889		FePeak=15:36	Exp #=81891		Tot Cts=124 Exp #=81891
S18W63	Qual=00 Qual=01	S18W63	\$19E57 Qua]=01	Qual=01 A Code=00 15400/25	Associated Qual=01 A	S02W60	Qual=01 Qual=01 Code=00		Qual=01 Qual= 1	Code=01	and the second s	Qual=00 Qual= 5		S18W66	Qual=00 Qual=01 T
SMM Pointing:	Peakc/s=43 Wavelength=1375A III/3		HaClass=SF Importance=C3	Peakc/s=142 Wavelength=13/5A III/2 245/50 8800/56 15	c/s=45 gth=1375	SMM Pointing:	Importance=C3 Peakc/s=59 Wavelength=2788A 245/360		Importance=C3 CaPeak.c/s=56	Wavelength=2788A		aPeak.c/s=28	Wavelength=2788A	SMM Pointing:	Peakc/s=47 Wavelength=2788A
End times	:41:23 08:41:39 Type/Intensity:	End times	10:20		•	Fnd times	11:50 11:45:02 1x(sfu):		End times 14:15 14:56	_	End times	16:17	•	Fod times	18:05
77   D0Y=5   Peak	80 8	8 DOY=5 Peak	09:54	Type Type	7 10:11:	DOY=5 Peak	11:46 3 11:44:16 1cy(MHz)/Flu		Peak 14:08 14:06		DOY=5 Peak	15:35		DOY=5 Peak	
nt # = 1007 11/05,08:41 Start	S 08:41:08 08:09 o Sweeps	Event # = 100/8 89/01/05,09:54 Start	09:49 09:49 09:49-54	09:47 09:47 Sweeps Freque	10:01	# = 1008 705,11:46 Start		Event # = 22155 89/01/05,14:08	Start 13:55 14:00	13:52	Event # = 22156 89/01/05,15:35 Start	15:35	15:27	t # = 10081 1/05,15:47 Start	15:47:42 15:27
Event 89/01,	HXRBS UVSP Radio	89/0.	GOES (	UVSP Radio Radio	HXRBS	Event 89/01	GOES HXRBS UVSP Radio	Event 89/01	60ES BCS FCS	UVSP	Event 89/01/	GOES BCS FCS	UVSP	Event 89/01/	GOES HXRBS UVSP

Event # = 2145, 88/01/26,06:31				07/10/00	07-100				
	_		SMM Pointing:	S19W78		Pitch=+297", Yaw=-903", Roll=Odeg	903",Roll	=0deg	H.Ang=77deg
Start 60ES 06:18 BCS 06:28	Peak 06:31 06:28	End times 06:53 06:33 (	Importance=87 ( CaPeak.c/s=19 (	Qual=01 Qual= 4	FePeak=06:29	FePeak.c/s=7 Rast=0"x0"	_	dt= 7.7s X Cad=1.02s 1	XEN=802600 1.024s/pixel
FCS UVSP 06:09		-	Wavelength=2788A		Exp #=61921	Rast=180"x1"		Pitch=+182"	, Yaw=-727"
Event # = 214 88/01/26,07:1	1458 :19 DOY=26		SMM Pointing:	S19W81		Pitch=+303", Yaw	, Yaw=-913", Roll=Odeg	=0deg	H.Ang≕80deg
Start GOES 07:07 BCS 07:12	Peak 07:19 07:15	End times 07:39 07:16	Importance=B7 CaPeak.c/s=20	Qual=02 Qual= 4	FePeak=07:13	FePeak.c/s=11	#Peaks=1 Sten=0"	dt= 7.7s X	XEN=802601 1.024s/pixel
			Wavelength=2788A	Code=00	Exp #=61922	Rast=180"x1"	- 1	Pitch=+182	, Yaw=-729"
Event # = 8/14 88/01/26,11:03	4 3 DOY=26		SMM Pointing:	S19W81		Pitch=+303",Yaw	, Yaw=-913", Roll	, Roll=Odeg	H.Ang≈80deg
Start Optical		d times	HaClass=1F	\$21 <b>4</b> 90	AR4927	Mac.=DSO	Carr.Lon.=13deg	=13deg	H.Ang=88deg
10:55 10:58 10:59	:21 11:03 :21 11:01:24 11:17	11:18 11:15:48 11:45	Importance=C6 Peakc/s=57 CaPeak.c/s=257	Qual=03 Qual=01 Qual= 1	Tot Cts=4050 FePeak=11:13	MaxkeV=70 FePeak.c/s=45	#Peaks=2 C+en=5"	dt= 3.8s X Cad=25.6s 1	XEN=802602 1.024s/pixel
FCS UVSP 10:51			Wavelength=2788A	Code=01	Exp #=61927	Rast=180"x1"		Pitch=+185	', Yaw=-732"
				88/01/27	7 D0Y=27				
Event # = 871 88/01/27,12:5		Fod + impo							
Start GOES 12:52 HXRBS 12:53:2 UVSP 13:24	12:58 12:53:47	13:02 12:54:22	Importance=Cl Peakc/s=236 Wavelength=2788A	Qual=03 Qual=01	Tot Cts=1427 Exp #=61967	MaxkeV=129 Rast=420"x241"	Step=3"	Pitch=+7",	, Yaw=+56"
Event # = 2145 88/01/27,20:25	459 25 DOY=27	1	SMM Pointing:	N19W59		Pitch=-369", Yaw	, Yaw=-791", Rol	, Roll=Odeg	H.Ang=63deg
-			HaClass=SB	N21W60	AR4934	Mac.=CRO	Carr.Lon.=325deg	=325deg	H.Ang=65deg
GOES 20:21 BCS 20:19	20:25 20:24	20:28 20:34	Importance=C4 CaPeak.c/s=163	Qual=01 Qual= 1	FePeak=20:24	FePeak.c/s=32	#Peaks=2 Sten=0"	dt= 7.7s X  Cad=1.02s 1	XEN=802700 1.024s/pixel
FCS UVSP 20:00 Radio Frequ	20:00 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=2788A 245/23	Code=00	Exp #=61975	Rast=63"x63"	Step=3"	Pitch=-396	", Yaw=-791"
Event # = 87 88/01/27,20:	16 29 DOY=27		SMM Pointing:	N19W59		Pitch=-369", Yaw=-791", Roll=Odeg	"=-791", Rol	j=0deg	H.Ang=63deg
Start GOES 20:28 HXRBS 20:28:1 UVSP 20:00	Peak 20:29 :13 20:28:38	End times 20:32 20:29:13	Importance=C3 PeakC/s=61 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=288 Exp #=61975	MaxkeV=70 Rast=63"x63"	Step=3"	Pitch=-396	Pitch=-396", Yaw=-791"

2 = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
22:29 23:06 23:18 100-7430-62 23:06 23:18 100-7430-62 23:06 23:18 100-7430-62 100-7430-62 100-7430-62 100-7430-62 100-7430-62 100-7430-62 100-7430-62 100-7430-62 100-7430-62 100-7430-62 100-7430-72 100-7430-62 100-7430-73 100-7430-62 100-7430-73	1/2/	DOY=2 Peak	<u>;</u>	S	N20W62		Pitch=-367", Ya	aw=-813", Ro	11=0deg	H.Ang≈66deg
23:06 23:06 23:05:20 Paāk.:./5-76 Quāj-07 10t Cts312 Maxkev-70 Feberk-23:06 Feberk-	ca! 22:59	23:06	23:1	HaClass=SN Importance=C4	N20W61		Mac.=CRO	Carr.Lon	.=324deg	H.Ang=65deg
23:06  23:06  24 wavelength=1375A Code=02 Exp #=61977 Rast=25%.x25% Step=5" Cad=25.65	\$ 23:04: 23:06	23:05: 23:06	23:05:2 23:14	P.S.	Qual=01 Qual=5		MaxkeV=70 FePeak.c/s=37		dt= 3.8s	XFN=802701
## Pointing: R20W62    Start Peak   P	23:06			æ			Rast=25"x25" Rast=265"x265"			1.024s/pixel ", Yaw=-799"
23:26	# = 871 /27,23:2 Start	DOY=2 Peak	t im	Pointing	N20W62		Pitch=-367", Ya	W=-813", Ro	]]=0deq	H.Ana=66dea
Past=10"x0"   Step=0"   Cade=866a   Fast=10"x10"   Step=0"   Pitch=-366a   Pitch=-366a   Pitch=-36a   Pitch=-323deg   Pitch=-223deg   Pitch=-233deg   Pitch=-233deg   Pitch=-223deg   Pitch=-233deg   Pitch=-323deg   Pitch=-233deg   Pitch=-233deg   Pitch=-233deg   Pitch=-233deg   Pitch=-233deg	23:25 23:26:5 23:28:	23:29 8 23:27: 23:28	23:48 23:28:0 23:46	Importance=C3 Peakc/s=166 CaPeak.c/s=83			MaxkeV=129 FePeak.c/s=19	#Peaks=1	8	XFN=802702
Pitch=362", Yaw=823", Roll=Odeg     28,02:31   DOY=28	23:2			à		Exp #=61980	Rast=0"x0" Rast=10"x10"		Cad= 860s Pitch=-366	860.45/pixel ",Yaw=-817"
28.02:31 DOY=28	-				88/01/2					
02:18 02:31 02:34 Importance=C2 0ual=01 02:08 02:20 02:22	<u>-</u> 800	Pea Pea	nd time	SMM	N19W63		Pitch=-362", Ya	w=-823", Rol	l1=0deg	H.Ang=67deg
02:20 02:22 02:25 CaPeak.c/s=34 Qual= 5 FePeak=02:20 Rate=0"Step=0" Cad=.26s Rate=0"x0" Step=0" Cad=.26s Rate=0"x0" Step=0" Cad=.26s Rate=0"x0" Step=0" Cad=.26s Rate=0"x0" Step=0" Cad=.26s Start Peak Capeak.c/s=18 Qual=0	ີສິ	02:	:34	T E	N16W62	AR4934	Mac.=DSI	Carr.Lon.	=323deg	H.Ang≖65deg
02:06    Mayelength=2788A   Exp #=61991   Rast=00"\0"   Step=0"   Cad=_265	.:	02:20	••	CaPeak.c/s=34	Qual= 5	FePeak=02:20	FePeak.c/s=11	#Peaks=1	7	XEN=802800
# = 21461 28,03:56	05:06			₩avelength=2788A		Exp #=61991	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	<u></u>	0.256s/pixel ',Yaw=-639"
13:55 03:55	# = 2146] /28,03:56	D0Y=2		SMR	N19W63		Pitch=-362" Yaw	7=-823" Bol		TANGE TANGE
03:41	03:50 03:55	03:5 03:5	.05 :05 :57	TI C	Qual=01					fan 70- fille i
= 21462 Start Peak End times O4:15 D0Y=28 Start Peak End times O4:16 O4:15 O4:18 Importance=C1 Qual= 01 O4:14 O4:14 O4:16 CaPeak.c/s=20 Qual= 4 FePeak=O4:15 FePeak.c/s=6 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=-226" Step=0" Step=0" Pitch=-226" Step=0" Step=0" Pitch=-226" Step=0" Step=0" Pitch=-226" Step=0" Pitch=-362", Yaw=-823", Roll=04eg Mavelength=-2788A Exp #=61994 Rast=180"x1" Step=0" Pitch=-226"	03:41		•	Wavelength=2788A		Feredk=U3:55 Exp #=61993	rereak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-227"	XEN=802801 1.024s/pixel Yaw=-645"
04:10 04:15 04:18 Importance=C1 Qual=01 Rast=04:15 FePeak.c/s=6 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Cad=	# = 21462 /28,04:15 Start	DOY=28 Peak	+ E	1	N19W63		Pitch=-362", Yaw	r=-823", Ro1		H. Ang=67deg
D4:41   Rast=0"x0"   Step=0" Cad=1.02s   Exp #=61994   Rast=180"x1"   Step=0" Cad=1.02s   Fast=180"x1"   Step=0" Cad=1.02s   Fast=180"x1"   Step=0" Cad=1.02s   Fast=180"x1"   Step=0" Pitch=-226"   Fast=180"x1"   Step=0" Pitch=-226"   Fast=180"x1"   Step=0" Pitch=-226"   Fast=180"x1"   Step=0" Pitch=-226"   Fast=180"x1"   Step=0" Fitch=-226"   Fast=180"x1"   Step=0" Fitch=-226"   Fast=180"x1"   Step=0" Fitch=-226"   Fast=180"x1"   Step=0" Fitch=-226"   Fast=180"x1"	04:10 04:14	12. 12.	8 9	Importance=Cl CaPeak.c/s=20	Qual=01 Qual= 4	FePeak=04:15	FePeak.c/s=6	#Peaks=1	76	CONCONENTA
= 8719 8,04:31 D0Y=28 SMM Pointing: N19W63 Pitch=-362",Yaw=-823",Roll=Odeg Start Peak End times 34:26 04:31 04:39 Importance=C1 Qual=O1 Tot Cts=290 MaxkeV=70 34:28:30 04:29:09 04:29:18 Peakc/s=58 Qual=O1 Tot Cts=290 MaxkeV=70 94:41 Wavelength=2788A Exp #=61994 Rast=180"x1" Step=O" Pitch=-226"	04:4			a		Exp #=61994	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	- :-	1.024s/pixel ,Yaw=-648"
5 04:31 04:39 Importance=C1 Qual=01 3:30 04:29:09 04:29:18 Peakc/s=58 Qual=01 Tot Cts=290 MaxkeV=70 Wavelength=2788A Exp #=61994 Rast=180"x1" Step=0" Pitch=-226"	= 871 8,04:3 Start	82	i.		N19W63		Pitch=-362", Yaw	=-823", Roll		H.Ang=67deg
		9:09	):18	Importance=Cl Peakc/s=58 Wavelength=2788A	Qua]=01 Qua]=01	Tot Cts=290 Exp #=61994	MaxkeV=70 Rast=180"x1"	Step=0"	Pitch=-226",	, Yaw≖-648"

# = 21463 /28,04:49	<b>ω</b>		SMM Pointing:	N19W63		Pitch=-362",Yaw	,Yaw=-823",Roll	,Roll=Odeg	H.Ang=67deg
Start 04:40 04:44	Peak 04:49 04:45	End times 05:00 04:47		Qual=02 Qual= 4		FePeak.c/s=12 Rast=0"x0"	#Peaks=1 Step=0"		XEN=802803 1.024s/pixel
04:41			Wavelength=2788A	Code=00	Exp #=61994	Rast=180"x1"	- [	_	, Yaw=-548
# = 21464 /28,06:04	D0Y=28	1	SMM Pointing:	N19W65		Pitch=-360",Yaw	,Yaw=-836",Roll	,Roll=Odeg	H.Ang=69deg
Start 06:01 06:03	Peak 06:04 06:03	End times 06:05 06:11	Importance=C1 CaPeak.c/s=29	Qual=01 Qual= 4	FePeak=06:03	FePeak.c/s=8	#Peaks=1 C+on=5"	dt= 7.7s Cad=25 6s	XEN=802804 1 024s/nixel
06:16			Wavelength=2788A		Exp #=61996	Rast=180"x1"			", Yaw=-654"
# = 8720 /28,06:08	D0Y=28	'	SMM Pointing:	N19W65		Pitch=-360", Yaw	, Yaw=-836", Rol	, Roll=Odeg	H.Ang=69deg
•	Peak	-	HaClass=SN	N19W64	AR4934	Mac.=DSI	Carr.Lon.=323deg	=323deg	H.Ang=68deg
06:06 06:05:45 06:16	06:08 06:06:40	06:38 06:08:46	Importance=C6 Peakc/s=217 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=7041 Exp #=61996	MaxkeV=129 Rast=180"x1"	Step=0"	Pitch=-225"	', Yaw=-654"
# = 21465 28,07:19			SMM Pointing:	N19W65		Pitch=-360", Yaw	, Yaw=-836", Rol	,Roll=Odeg	H.Ang=69deg
Start 07:18 07:18	Peak 07:19 07:18	end times 07:25 07:20	Importance=B8 CaPeak.c/s=23	Qual=01 Qual= 4	FePeak=07:18	FePeak.c/s=8	#Peaks=1 <+en=0"	dt= 7.7s Cad=1.02s	XEN=802805 1.024s/pixel
06:49			Wavelength=2788A		Exp #=61997	Rast=180"x1"	Step=0"		", Yaw=-656"
# = 8721 /28,08:50	D0Y=28		SMM Pointing:	N19W67		Pitch=-357", Yaw	, Yaw=-847", Rol	, Roll=Odeg	H.Ang=70deg
ഗ	Peak	1 times	HaClass=1N	N18W65	AR4934	Mac.=DSI	Carr.Lon.	=323deg	H.Ang≖68deg
08:41 08:45:36 08:43 08:24	08:50 08:48:18 08:43	09:20 08:50:21 08:50	Importance=mı Peakc/s=192 CaPeak.c/s=253 Wavelength=2788A	Qual=01 Qual= 6	Tot Cts=9428 FePeak=08:43 Exp #=61999	MaxkeV=70 FePeak.c/s=69 Rast=25"x25" Rast=180"x1"	#Peaks=1 Step=5" Step=0"	dt= 7.7s Cad=25.6s Pitch=-224	XEN=802806 1.024s/pixel ",Yaw=-662"
# = 21466 /28,11:55			SMM Pointing:	N19W69		Pitch=-355", Yav	, Yaw=-857", Rol	, Roll=Odeg	H.Ang=72deg
Start 11:49 11:52	Peak 11:55 11:52	End times 12:04 11:58	Importance=Cl CaPeak.c/s=23	Qual=01 Qual= 4	FePeak=11:52	FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	xEN=802807 1.024s/pixel
= 2146 12:09	7 D0Y=28	+	SMM Pointing:	N19W69		Pitch=-355", Ya	aw=-857", Roll:	]=0deg	H.Ang=72deg
12:04 12:05 12:05	12:09 12:07	υ Ξ	Importance=Cl CaPeak.c/s≃43	Qual=01 Qual= 1	FePeak=12:07	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 0.1s Cad=.26s	XEN=802808 0.256s/pixel

					88/01/20	20 DAV=20	-20				
Event 88/01/	# = 8722 /29,02:02	D0Y=29	:	SMM Pointing:	N19W75			Pitch=-345" Y	2	]=0400	LOC-son I
SOES	art		End time	S	0119]=00				10x' 060	fann-i	n.Ang=/8deg
SPS	02:02:3 01:52	2 02:02:5	3 02:03:04	Peakc/s=95 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=195 Exp #=62018	=195 2018	MaxkeV=70 Rast=10"x10"	Step=0"	Pitch=-349"	", Yaw=-898"
ລ ≥	# = 8/23 29,02:04 Start	DOY=29 Peak	End times	SMM Pointing:	N19W75			Pitch=-345", Ye	, Yaw=-890", Rol	, Roll=Odeg	H.Ang=78deg
GOES HXRBS UVSP	02:04:01 01:52	02:04:1	1 02:04:53	Peakc/s=79 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=365 Exp #=62018	365 018	MaxkeV=70 Rast=10"x10"	Step=0"	Pitch=-349"	". Yaw=-898"
4	# = 21468 /29,02:29 Start		+ + + = + = + = + = + = + = + = + = + =	SMM Pointing:	N19W75			Pitch=-345", Ya	, Yaw=-890", Roll=0deg	]=0deq	H. Ang=78deg
GOES BCS FCS	02:10 02:17	02:29 02:27	υ ≣	Importance=Cl CaPeak.c/s=34	Qual=03 Qual= 1	FePeak=02:24	2:24	FePeak.c/s=8	#Peaks=1	27.5	XFN=802900
VSP	-			Wavelength=1375A	Code=00	Exp #=62022	022	Rast=0"x0" Rast≈10"x10"		Cad=1.02s 1 Pitch=-384",	1.024s/pixel ",Yaw=-875"
1	# = 21469 '29,14:54 Start	1	2	SMM Pointing:				Pitch=-327", Yaw=-921", Roll=Odeq	W=-921", Rol		
GOES BCS FCS	14:46 14:48	14:54 14:49	) 	Importance=C1 CaPeak.c/s=30	Qual=02 Qual= 1	FePeak=14:49		FePeak.c/s=10	#Deaks=1	7c	100000-NEX
/SP	15:13			Wavelength=2788A		Exp #=62051		Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad= 860s 8 Pitch=-188",	ACM-002301 860.4s/pixel ",Yaw=-735"
tuo,	1078 =				88/01/3	30 DOY=30	30				
8/01/3	0,05:16 Start	D0Y=30 Peak	Fnd times	SMM Pointing:	N18W80		ļ	Pitch=-318", Yaw	, Yaw=-914", Roll=Odeq	=0dea	H. Ana=83dea
GOES HXRBS UVSP	05:10 05:13:05 05:20	05:16 05:13:44	06:06 05:15:10	Importance=C2 Peakc/s=92 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=1446 Exp #=62092	1446 )92	MaxkeV=70 Rast=180"x1"	Step=0"	188"	, Yaw≂-735"
# + 40	= 8725				88/01/31	1 DOY=31	11				
8/01/3		DOY=31 Peak	End times	SMM Pointing:	N18E45			Pitch=-367", Yaw	, Yaw=+655", Roll=0deg	=0deg	H.Ang=50deg
GOES HXRBS UVSP	10:39 10:40:29 11:09	10:46 10:42:18	11:20 10:43:04	Importance=C3 Peakc/s=133 Wavelength=2788A	Qual=03 Qual=01	Tot Cts=3384 Exp #=62151	384	MaxkeV=159 Dac+=180">1"		1000	
•	10:43:23	10:44:51	10:46:19	Ψ̈́	sociated Qual=01	Ever	726 2	MaxkeV=189	0-d=0	P1CD=-233"	, Yaw=+5/9" 
ent #	= 8735				88/02/01	D0Y=32					
/05/0		DOY=32 Peak	End times	SMM Pointing:	N20E53			Pitch=+732",Yaw	, Yaw=+392", Roll:	, Roll=90deg	H.Ang=58deg
GOES HXRBS UVSP	GOES 00:48 HXRBS 00:48:51 UVSP 00:45	58	on.	Importance=84 Peakc/s=69 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=157 Exp #=62180		MaxkeV=70 Rast=10"x10"	Flags=I Step=0" F	Pitch=+771",Yaw=+318"	Yaw=+318"

					89/01/08	D0Y=8				
Event # 89/01/08 S GOES O FCS UVSP 0	1/08,01:20 1/08,01:20 Start 01:19	D0Y=8 Peak 01:20	End times 02:13	CaPeak.c/s=40 ( Wavelength=2788A	Qual=00 Qual= 5	FePeak=01:25 Exp #=82018	FePeak.c/s=10 Rast=0"x0" Rast=243"x243"	#Peaks=1 (Step=0" (Step=3"	dt= 7.7s XE Cad=1.02s 1. Pitch=+485",	XEN=900800 1.024s/pixel 1. yaw=+7/3"
Event # 89/01/08 S GOES C HXRBS C UVSP	1/08,02:02 1/08,02:02 Start 01:56 5 01:56:15	DOY=8 Peak 02:02 01:57:52	End times 02:22 02:02:03	SMM Pointing: Importance=C8 Peakc/s=48 Wavelength=2788A	S31E65 Qual=03 Qual=01 Code=00	Tot Cts=1246 Exp #=82018	Pitch=+478",Yaw=+759",Roll=Odeg MaxkeV=102 Rast=243"x243" Step=3" Pitch	:+759", Roll: Step=3"	=+485"	H.Ang=67deg , Yaw=+773"
Event # 89/01/08 60ES ( HXRBS ( UVSP ( )	Event # = 10108 89/01/08,03:00 Start GOES 02:50 HXRBS 02:56:57 UVSP 02:56	D0Y=8 Peak 03:00 02:59:46	End times 03:22 03:05:19	SMM Pointing: Importance=C9 Peakc/s=794 Wavelength=1375A	\$31E65 Qual=01 Qual=01 Code=00	Tot Cts=1.38E+5 Exp #=82021	Pitch=+478" MaxkeV=518 Rast=10"x1C	,Yaw=+759",Roll=0deg 	=0deg H.Ang=67d	H.Ang=67deg , Yaw=+726"
Event # 89/01/09 GOES HXRBS UVSP	Event # = 10109 89/01/08,03:26 Start GOES HXRBS 03:25:06 UVSP 03:22	DOY=8 Peak 03:26:11	End times 03:29:32	SMM Pointing: Peakc/s=56 Wavelength=1375A	S31E65 Qual=00 Qual=01	Tot Cts=3128 Exp #=82025	Pitch=+478", Yaw MaxkeV=102 Rast=10"x10"	,Yaw=+759",Roll=Odeg 	=0deg H.Ang=67d 	H.Ang=67deg , Yaw=+794"
Event # 89/01/0 60ES BCS FCS UVSP	t # = 22162 1/08,03:30 Start 02:53 03:22	DOY=8 Peak 03:30	End times 03:47	CaPeak.c/s=242 Wavelength=1375A	Qua]=00 Qua]≠ ]	FePeak=03:30 Exp #=82025	FePeak.c/s=35 Rast=0"x0" Rast=10"x10"	#Peaks=2 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+526",	XEN=900801 1.024s/pixe1 ',Yaw=+794"
Event # 89/01/0 GOES HXRBS UVSP	1/08,03:39 1/08,03:39 Start S 03:39:31 S 03:36	DOY=8 Peak . 03:39:48	End times 3 03:40:23	SMM Pointing:  Peakc/s=48 Wavelength=1375A	S31E65 Qual=00 Qual=01	Tot Cts=299 Exp #=82027	Pitch=+478", Yav MaxkeV=102 Rast=10"x10"	,Yaw=+759",Roll=Odeg	l=Odeg H.Ang=67d Pitch=+496", Yaw=+724	H.Ang=67deg ',Yaw=+724"
Event #89/01/0	t # = 10111 1/08,04:40 Start S 04:37:05 04:35	DOY=8 Peak 04:40:2	End time: 5 04:42:34	SMM Pointing: s Peakc/s=236 Wavelength=1375A	\$31E63 Qual=00 Qual=01	Tot Cts=19238 Exp #=82029	Pitch=+476", Yaw=+749", Roll=Odeg MaxkeV=367 Rast=70"x70" Step=5" Pitch	v=+749",Rol Step=5"	]=Odeg Pitch=+483	=0deg H.Ang=65deg Pitch=+483", Yaw=+762"

### 12164  ### 121644  ### 121644  ### 121644  ### 12164  ### 12164  ### 121644  ### 12164  ### 12164  ### 121	Event # = 2216	13								
Ha(Dass=5F   288E2   A85312   Hac.=FKC   Carr.Lon.=311deg	59/01/08,05:18 Start	DOY=8 Peak	End times							
DDY=8	05:1	05:18	:23	HaClass=SF Importance=C7	S28E62 0ual=03		Mac.=FKC	Carr.Lon.	=311deg	H.Ang=64deg
Mayelength=1375A Code=00	04:3	05:20	:21	CaPeak.c/s=184	Qual= 3		FePeak.c/s=34	#Peaks=2	dt= 7.7s	XEN=900802
DOY=8   Febrak	/SP 04:35			Wavelength=1375,		Exp #=82029	Kast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=1.02s Pitch=+48	1.024s/pixel 3", Yaw=+762"
06:17 06:54 CaPeak.c/s=136 Qual= 5 FePeak=06:17 Repeak.c/s=16 Qual= 5 FePeak=06:17 Restancys=16 Argans Restancys=16 Argans Restancys=16 Argans Restancys=16 Argans Restancys=16 Argans=16 Argans=17	/ent # = 2216 9/01/08,06:17 Start	4 D0Y=8 Deat	+ + C			1/44				
06:17 06:54 CaPeak.C/s=136 Qual= 5 FePeak-06:17 FePeak.C/s=16 #Peaks=1 dt= 3.88  Mavelength=1375A Exp #=82032 Rast=10"x0" Step=0" Cad=_26s Rast=10"x0" Step=0" Cad=_26s Rast=10"x0" Step=0" Cad=_26s Rast=10"x0" Step=0" Pitch=+526 Rast=10"x10" Step=0" Pitch=+439 Rast=10"x10" Step=0" Pitch		8 9			0ua]=00					
DOY=8  End times  Mac. FKC  DOY=8  End times  Mac. FKC  DOY=8  End times  Mac. FKC  DOY=8  Type/Intensity: III/2  Type/Intensity: III/2  SMM Pointing: S31E62  Mac. FKC  Carr. Lon.=317deg  Mac. FKC  Carr. Lon.=329deg  Mac. FKC  Mac. FKC  Mac. FKC  Carr. Lon.=329deg  Mac. FKC  Mac. FKC  Carr. Lon.=329deg  Mac. FKC  Mac. FKC  Carr. Lon.=329deg  Mac. FKC  Mac. FKC  Mac. FKC  Carr. Lon.=329deg  Mac. FKC  Carr. Lon.=329deg  Mac. FKC  Mac. FKC	S 06:1/ SP 06:15		06:54	CaPeak.c/s=136 Wavelenn+h=1375/			FePeak.c/s=16 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s Cad=.26s	XEN=900803 0.256s/pixel
Pitch=4476", Yaw=749", Roll=Odeg	" + " -			C CT III Silving	•	ZYD #-0203Z	Kast=10"×10"	Step=0"	Pitch=+520	", Yaw=+725"
06:54 07:05 Importance=M2 Qual=02 Tot Cts=10294 Maxkev=187 Pitch=+498  Type/Intensity: III/2	ent # = 1011; /01/08,06:54 Start	2 DOY= Peak	End times	SMM Pointing	S31E63		Pitch=+476", Yaw	/=+749", Rol	1=0deg	H.Ang=65deg
Type/Intensity:   111/2	tical ES 06:45		07:05		\$34E55 Qual=02	AR5312	Mac.=FKC	Carr.Lon.	=317deg	H.Ang=59deg
D0Y=8 End times  Wavelength=1375A Code=00  B8:27:45 08:28:05  Base color	Jo:45 Veens	ဌိ	)6:54:1	Peakc/s=147	Qual=01		MaxkeV=187		Pitch=+498	". Yaw=+720"
DOY=8  End times  08:28  CaPeak.c/s=110  08:28  Wavelength=1375A Code=00  08:30  08:30  08:27:45  Maxelength=1375A  Code=00  CaPeak.c/s=110  Maxelength=1375A  Code=00  CaPeak.c/s=10  CaPeak.c/s=110  CaPeak.c/s=120  Cad=.26s  Rast=10"x10"  Step=0"  Cad=.26s  Rast=10"x10"  Step=0"  Cad=.26s  Rast=10"x10"  Step=0"  Cad=.26s  Step=0"  Cad=.26s  Step=0"  Cad=.26s  Rast=10"x10"  Step=0"  Pitch=+475", Yaw=+739", Roll=Odeg  Pitch=+519'  Pitch=+475", Yaw=+739", Roll=Odeg  Pitch=+519'  Pitch=+475", Yaw=+739", Roll=Odeg  Cad=.26s  Cad=.26s  Rast=10"x10"  Step=0"  Cad=.26s  Rast=10"x10"  Step=0"  Cad=.26s  Cad=.26s  Rast=10"x10"  Step=0"  Pitch=+475", Yaw=+739", Roll=Odeg  Cad=.26s  Cad=.26s  Cad=.26s  Rast=10"x10"  Step=0"  Cad=.26s  Cad=.26s  Rast=10"x10"  Step=0"  Pitch=+475", Yaw=+739", Roll=Odeg  Cad=.26s  Cad=.26s  Cad=.26s  Rast=10"x10"  Step=0"  Pitch=+475", Yaw=+739", Roll=Odeg  Cad=.26s  Cad=.20s  Cad=.0s  Cad=.	10 to 0 T + 0		. (1) (1)	- 1					•	
08:15	01/08,08:19	00Y=8	j							
DOY=8 End times	S 08:00 07:55	08:19 08:15	Ē	Importance=C7 CaPeak.c/s≖110	Qua]=01 Qua]= 1	FePeak=07:55	FePeak, c/s=10		d+= 7 7c	XC00000-02X
DOY=8 End times  NaClass=SN S15642 AR5311 Mac.=DAO Carr.Lon.=329deg  O8:30	P 08:09			Wavelength=1375A		Exp #=82043	Rast=0"x0" Rast=10"x10"		Cad=.26s Pitch=+499	/cn=900604 0.256s/pixel ',Yaw=+718"
08:30 08:50 Importance=M1 Qual=02	nt # = 11290 01/08,08:30 Start	DOY=8 Peak	End times	Pointing	S31E62		Pitch=+475", Yaw:	-+739", Roll	=0deg	H.Ang=64deg
08:27:45 08:28:05 Peakc/s=158 Qual=03 Tot Cts=3780 MaxkeV=102 Flags=I, EN Havelength=1375A Code=00 Exp #=82045 Rast=10"x10" Step=0" Pitch=+519 Pitch=+519 Peak End times Importance=C5 Qual=02	ical S 08:26	08:30	08:50	HaClass=SN Importance=M1	\$15E42 0ual=02	AR5311	Mac.=DA0	Carr.Lon.=	329deg	H.Ang=43deg
DOY=8  Peak End times 10:00 In:00 In	BS 08:27:11 P 08:23	08:27:4	08:28:05	Peakc/s=158 Wavelength=1375A	Qual=03 Code=00	Tot Cts=3780 Exp #=82045		Flags=I,EN Step=0"	Pitch=+519'	, Yaw=+717"
10:01 10:09 Importance=C5 Qual=02 09:58:15 09:59:56 Peakc/s=46 Qual=01 Tot Cts=192 MaxkeV=102 Flags=I 09:58:15 09:59:56 Peakc/s=46 Qual=01 Tot Cts=192 MaxkeV=102 Flags=I 10:00 10:01 CaPeak.c/s=59 Qual= 3 FePeak=10:00 FePeak.c/s=10 #Peaks=2 dt= 3.8s Rast=0"x0" Step=0" Cad=1.02s Wavelength=13/5A Code=02 Exp #=82052 Rast=10"x10" Step=0" Pitch=+573"	nt # = 11291 01/08,10:01 Start	DOY=8 Peak	mes		S31E62		Pitch=+475", Yaw=	:+739", Roll:	=0deg	H.Ang=64deg
10:01	S 09:58 BS 09:57:43 09:32	10:01 09:58:1 10:00	10:09 09:59:56 10:01		Qual=02 Qual=01 Qual= 3				1t= 3.8s	XFN=Q00805
	10		- <b>-</b>	avel	Code=02				Cad=1.02s oitch=+573"	1.024s/pixel, Yaw=+766"

XEN=900806 1.024s/pixel ', Yaw=+654"	H.Ang=62deg H.Ang=61deg XEN=900807 1.024s/pixel '', Yaw=+648"	XEN=900808 0.256s/pixel 51", Yaw=+646"	H.Ang=35deg ", Yaw=-391"	H.Ang=59deg H.Ang=66deg XEN=900809 0.256s/pixel ''', Yaw=+709"	XEN=900810 0.256s/pixel 148", Yaw=+620"
dt= 3.8s X Cad=1.02s 1 Pitch=+353",	,Roll=Odeg H Lon.=310deg H ;=EN,SA :s=1 dt= 7.7s X :0" Cad=1.02s 1 :0" Pitch=+352",	dt= 3.8s Cad=.26s Pitch=+351	]=0deg Pitch=-382"	,Roll=Odeg H Lon.=302deg H s=1 dt= 7.7s X 0" Cad=.26s 0 5" Pitch=+477",	dt= 7.7s Cad=.26s Pitch=+34
#Peaks=2 Step=0" Step=0"	Lon.	#Peaks=1 Step=0" Step=0"	,Yaw=-400",Roll=Odeg Flags=EG 65" Step=5" Pitch	=+696" Carr. #Peak Step= Step=	*Peaks=1 Step=0" Step=0"
FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	Pitch=+474", Yaw=+726", Mac.=FKC Carr.1 Maxkev=187 Flags: FePeak.c/s=1772 #Peak: Rast=0"x0" Step=: Rast=180"x1" Step=:	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	Pitch=-396" WaxkeV=102 Rast=265"x2	Pitch=+470", Yaw Mac.=FKC MaxkeV=102 FePeak.c/s=160 Rast=0"x0" Rast=265"x265"	FePeak.c/s=15 Rast=0"x0" Rast=180"x1"
FePeak=11:21 Exp #=82054	AR5312 Tot Cts=91225 FePeak=12:47 Exp #=82056 8800/240 15400/:	FePeak=13:49 Exp #=82057	Tot Cts=1.19E+5 Exp #=82061	AR5312 Tot Cts=4649 FePeak=19:05 Exp #=82062	FePeak=20:08 Exp #=82063
Qual=01 Qual= 1   Code=02	\$31E60 \$33E58 Qual=04 Qual=104 Qual= 1	Qua]=00 Qua]= 5	N20W26 Qual=03 Qual=03 Code=00	\$31E56 \$35E63 Qual=03 Qual=11 Qual= 1 Code=00	Qual=05 Qual= 1 Code=00
Importance=C9 CaPeak.c/s=55 Wavelength=2788A	SMM Pointing: HaClass=1B Importance=M8 PeakC/s=262 CaPeak.c/s=4404 Wavelength=2788A	CaPeak.c/s=115 Wavelength=2788A	SMM Pointing: Importance=M6 Peakc/s=239 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=M1 Peakc/s=69 CaPeak.c/s=748 Wavelength=1375A	Importance=M1 CaPeak.c/s=28 Peak3c/s=-1 Wavelength=2788A
End times 11:42 11:35	8 80 ··	End times 14:42	End times 17:49 17:15:47	End times 19:48 9 19:08:00	r=8 ak :55 20:19 :08 20:19 Type/Intensity:
DOY=8 Peak 11:22 11:22	10113 12:53 DOY=8 art Peak End tim :21 12:53 13:45 :46:14 12:46:37 13:07:33 :14 12:51 13:09 :03 requency(MHz)/Flux(sfu)	DOY=8 Peak 13:48	D0Y=8 Peak 17:17	DOY=8 Peak 19:10 19:02:09	8 DOY=8 Peak 19:55 20:08 Type/
# = 22166 /08,11:22 Start 11:12 11:09 11:30	# = 08, 08, 08, 12, 12, 12, 13, 13	# = 22167 /08,13:48 Start 13:47 13:39	: # = 10114 1/08,17:17 Start 17:04 5 16:56:40 16:57	# = 10115 /08,19:10 Start ial 19:03 19:00:29 18:30	# = 2216 /08,19:55 Start 19:48 20:03 19:53 Sweeps
Event 89/01/ 60ES BCS FCS UVSP	Event 89/01/ 89/01/ 0ptica 60ES HXRBS BCS FCS UVSP Radio	Event 89/01, 60ES BCS FCS UVSP	Event 89/01/ GOES HXRBS UVSP	Event 89/01 0ptic GGES HXRBS BCS FCS UVSP	Event 89/01, 60ES BCS FCS UVSP Radio

Fvant	2166 - #	0								
89/01	89/01/08,21:49	) D0Y=8								
1	Start	Pea	End times							
GOES	ca! 21:42	21:49	22:30	HaClass=SF Importance=C5	\$35E53 0ual=01	AR5312	Mac.=FKC	Carr.Lon.=310deg	.=310deg	H.Ang=58deg
S S S	1:3	21:50	ლ	CaPeak.c/s=68	Qual= 1	FePeak=21:45	FePeak.c/s=14	#Peaks=1	dt= 7.7s	XFN=900811
UVSP	21:27			Wavelength≈2788A	Ø	Exp #=82065	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+348",	1.024s/pixel
Event 89/01,	# = 1011 /08,23:48 Start	6 00Y=8 Peak	omit bol	SMM Pointing:	S31E54		Pitch=+468", Yaw=+676". Roll=Oded	w=+676". Ro	]=0dea	H. Ann=57den
Optica GOFS	al 23.25	23.48		HaClass=SN			Mac.=FKC	Carr. Lon. =305ded	=305dea	H And=60dea
HXRBS BCS BCS	23:29:43 23:10	23:40:3 23:44	4 23:53:35 00:05	Importance=M5 Peakc/s=2546 CaPeak.c/s=1300	Qual=03 Qual=01 Qual= 1	Tot Cts=2.94E+5 FePeak=23:41	MaxkeV=320 Feper c/s=366		ŕ	figure 1
UVSP	23	1	1	Wavelength=2788A		Exp #=82068	Rast=0"x0" Rast=180"x1"		Cad=.26s (Pitch=+346"	<pre>Acm=900812 0.256s/pixel ",Yaw=+602"</pre>
BCS FCS UVSP	00:43	00:45 01:19	:39	CaPeak.c/s=103 Peak3c/s=1 Wavelength=2788	Associated Qual= 5 3A	Event # = 221/U FePeak=00:47 Exp #=82069	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=.26s Pitch=+346"	XEN=900900 0.256s/pixel "Yaw=+599"
					89/01/00	0-200				
Event 89/01/	t # = 10117 1/09,01:12 Start	DOY=9 Peak	End times	SMM Pointing:	S31E54		Pitch=+468", Yaw	, Yaw=+676", Rol	, Roll=Odeg	H.Ana=57dea
Optica Optica GOES	] ] 00:48	01-12	;	HaClass=2N HaClass=1N	N29E21 N30E01	AR5315 AR5307	Mac.=AXX	Carr.Lon.=341deg Carr.Lon.=1deg		H. Ang=39deg H. Ang=34deg
HXRBS UVSP Radio	00:55:24 01:33 Frequen	00:55:24 01:09:00 01:14:4 01:33 Frequency(MHz)/Flux(sfu)	<b>~</b>	Importance=n3 qual=U3 Peakc/s=198 qual=01 Wavelength=2788A 606/16 2695/130 8800/69	Qual=03 Qual=01 8800/69	Tot Cts=19607 Exp #=82070	MaxkeV=144 Rast=180"x1"	Step=0"	+346'	, Yaw=+594"
Event 89/01/	# = 22171 /09.02:46	D0Y=9								
	Start	Peak	End times							
805 FOS 7	02:23	02:46	02:55	CaPeak.c/s=49	Qual=00 Qual= 1	FePeak=02:46	FePeak.c/s=9	#Peaks=2	dt= 3 &c	XEN=000001
JVSP	03:07			Wavelength≖2788A		Exp #=82072	Rast=0"x0" Rast=180"x1"		Cad=1.02s 1 Pitch=+345",	1.024s/pixel .Yaw=+587"
15.0	t # = 22172 1/09,03:58 Start	DOY=9 Peak	Fnd times							
GOES BCS FCS	03:52 04:03	03:58 04:03		Importance=C7 CaPeak.c/s=39	Qua]=01 Qua]= 4	FePeak=04:03	FePeak.c/s=15	#Poaks=1	d+= 7 7c	200000-N3X
JVSP	03:58		-	Wavelength=1375A	Code=02	Exp #=82073	Rast=0"x0" Rast=265"x265"		Cad=1.02s 1 Pitch=+473",	1.024s/pixel ,Yaw=+666"

H.Ang=51deg H.Ang=79deg H.Ang=29deg XEN=900903 ", Yaw=+658"	xEN=900904 0.256s/pixel ", Yaw=+631"	H.Ang=53deg H.Ang=28deg XEN=900905 0.256s/pixel ", Yaw=+650"	H.Ang=54deg ', Yaw=+681"	dt= 3.8s XEN=900906 Cad=.26s 0.256s/pixel Pitch=+448", Yaw=+595"	XEN=900907 1.024s/pixel ", Yaw=-502"
s 472	dt= 3.8s ) Cad=.26s (Pitch=+489"	88 65 +472	,Roll=Odeg		l dt= 3.8s X Cad=1.02s 1 Pitch=+669",
Carr.Lon.=312deg Carr.Lon.=279deg Carr.Lon.=331deg #Peaks=1 dt= 7.7 Step=5" Pitch=+	#Peaks=1 Step=0" Step=0"	Carr.Lon.=309deg Carr.Lon.=332deg #Peaks=1 dt= 3. Step=0" Cad=.2 Step=5" Pitch=	w=+643",Ro Step=0"	#Peaks=2 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"
Mac.=FKC FePeak.c/s=10 Rast=265"x265"	FePeak.c/s=17 Rast=0"x0" Rast=10"x10"	Mac.=FKC FePeak.c/s=11 Rast=0"x0" Rast=265"x265"	Pitch=+465", Yaw=+643", MaxkeV=102 Rast=10"x10" Step=	FePeak.c/s=11 Rast=0"x0" Rast=10"x10"	FePeak.c/s=15 Rast=0"x0" Rast=10"x10"
AR5312 AR5316 AR5311 FePeak=04:46 Exp #=82075	Event # = 22174 FePeak=05:40 Exp #=82077	AR5312 AR5311 FePeak=07:18 Exp #=82084	Tot Cts=318 Exp #=82088	FePeak=08:56 Exp #=82093	FePeak=10:43 Exp #=82104
S30E47 S30E80 S13E28 Augual=02 Qual=4 Exp #	Associated logo Qual= 5	\$30E49 \$15E26 Qual=05 Qual= 5 Code=00	\$31E50 Qual=00 Qual=01	Qual=00 Qual= 5	Qual=01 Qual= 1 A Code=00
ass=SN ass=SN ass=SF nce=M2 c/s=22 c/s=23	iz 2695/30 1 ik.c/s=214 length=1375	HaClass=SF HaClass=SF Importance=M2 CaPeak.c/s=124 Wavelength=1375A	SMM Pointing: Peakc/s=50 Wavelength=1375A	CaPeak.c/s=80 Wavelength=13754	Importance=C6 Qual=O1 CaPeak.c/s=96 Qual= 1 Wavelength=1375A Code=O0
= 22173 .05:09 DOY=9 .tart Peak End times .43	•• 1	= 22175 '07:15 D0Y=9 tart Peak End times 6:48 07:15 07:52 7:18 07:18 07:53 7:14 Frequency(MHz)/Flux(sfu):	End times	End times 09:27	End times 11:04 11:01
D0Y=9 Peak 05:09 04:46 Type/1	cy(MHz)/F 05:40	DOY=9 Peak 07:15 07:18 cy(MHz)/	DOY=9 Peak 07:37:39	DOY=9 Peak 08:56	7 D0Y=9 Peak 10:42 10:43
	, 0	ြုံစွာလ် ဝဝဝ	1/09,07:37   Start   S 07:37:25   O7:37:25   O7:37:25   O7:32	# = 22176 ./09,08:56 Start 08:56	1/09, 10:42 1/09, 10:42 Start 10:35 10:33
Event # 89/01/09 89/01/09 0ptical Optical Optical Optical Obtical COES UWSP Radio Sy	Radio BCS FCS UVSP	Event #89/01/0 0ptical Optical Optical GOES BCS FCS UVSP Radio	Event 89/01/ 60ES HXRBS UVSP	Event 89/01/ GOES BCS FCS UVSP	Event 89/01, 60ES BCS FCS UVSP

89/01/09,11:40 Start	υ0γ=9 Peak	End times							
60ES BCS 11:39 FCS	11:40	12:21	CaPeak.c/s=26	Qua]=00 Qua]= 5	FePeak=12:09	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XFN=900908
SP 11:31			Wavelength=2788A	V	Exp #=82107	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+342",	1.024s/pixel ", Yaw=+545"
Event # = 10119 89/01/09,12:20 Start		End times	SMM Pointing:	S31E47		Pitch=+463", Yaw=+615", Roll=Odeg	IW=+615", Ro	11=0deg	H.Ang=52deg
2	12:20 12:14:3	12:50 9 12:18:07	Importance=C6 Peakc/s=59 Wavelength=2788A	Qual=01 Qual=01 A Code=00	Tot Cts=1567 Exp #=82109	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+341"	', Yaw=+543"
nt # = 1130 <u>1</u> 01/09,14:09 Start			SMM Pointing:	S31E46		Pitch=+462", Ya	, Yaw=+605", Roll=0deg	]=0deg	H. Ang=51deg
GOES 13:47 HXRBS 13:47:54 BCS 14:00	14:09 13:50:20 14:02	15:15 13:54:25 14:08	<pre>Importance=M1 Peakc/s=64 CaPeak.c/s=55</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=3900 FePeak=14:01	MaxkeV=102 FePeak.c/s=13	Flags=I #Peaks=2	) (*) **********************************	010000-113
		1	-2788	1 Code=00		Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=+340	0.256s/pixel ".Yaw=+532"
			c/s=50	Qual=01	<pre>Event # = 11302 Tot Cts=140</pre>	MaxkeV=102	Flags=I	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
13:59		:39		Associated Qual=01		MaxkeV=102	FlanceI	1 1 1 1	1 1 1 1 1 1
BCS 13:55 FCS	13:55	13:59	A CaPeak.c/s=20	Associ <b>ated</b> Qual= 4	Event # = 22090 FePeak=13:55	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=900909
14:46	14:46	14:58	CaPeak.c/s=35	Associated	Event # = 22179 FeDeak=14.46	Mast-U XU	Step=0"	Cad=1.02s	1.024s/pixel
FCS UVSP 14:37			88		Exp #=82113	Rast=0"x0" Rast=180"x1"	*reaks=1 Step=0" Step=0"	<pre>at= /./s x Cad=1.02s 1 Pitch=+339",</pre>	XEN=900911 1.024s/pixel ',Yaw=+529"
Event # = 22180 89/01/09,15:50 Start GOES 15:35 BCS 15:26	D0Y=9 Peak 15:50 15:38	End times 16:42 15:41	Importance=M1 CaPeak.c/s=32	Qual=02 Qual= 1	FeDeak=15.30	7-2/0 76000	1	,	
PCS UVSP 15:35			Wavelength=2788A	Code=01		rereak.c/s=/ Rast=0"x0" Rast=180"x1"	*reaks=2 Step=0" Step=0"	<pre>at= /./s x Cad=1.02s 1 Pitch=+339",</pre>	XEN=900912 1.024s/pixel ',Yaw=+524"
Event # = 22181 89/01/09,16:21 Start	DOY=9 Peak	End times							
BCS 16:19 FCS	16:21	16:51	CaPeak.c/s≖61	Qual=00 Qual= 5	FePeak=16:20	FePeak.c/s=12		dt= 3.8s X	(EN=900913
16:12			Wavelength≖2788A	_	T 10011	<pre><ast=0"x0"< pre=""></ast=0"x0"<></pre>	Step=0"	Cad=.26s (	0.256s/pixel

Event 89/01/0	# = 10120 /09,18:04			SMM Pointing:	S31E44		Pitch=+459", Yaw=	, Yaw=+584", Roll=Odeg		H.Ang=49deg
GOES HXRBS BCS	Start 17:50 17:59:50 18:00		End times 18:21 18:03:41 18:13	Importance=C7 Peakc/s=66 CaPeak.c/s=41	Qual=01 Qual=01 Qual= 1	Tot Cts=1884 FePeak=18:02	MaxkeV=102 FePeak.c/s=15 Rast=0"x0"		dt= 7.7s X Cad=1.02s 1	XEN=900914 1.024s/pixel
FCS UVSP Radio	17:45 Frequen	7:45 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 245/380 606/160	Code=01	Exp #=82117		i	Pitch=+338"	,Yaw=+512"
Event 89/01/	# = 10121 $/09, 18:45$	00¥=9		SMM Pointing:	S31E44		Pitch=+459",Yaw=	, Yaw=+584", Roll	,Roll=Odeg	H.Ang≖49deg
	Start	Peak	End times	.Class=SF	S31E68	AR5316	Mac.=CAO	Carr.Lon.=284deg	284deg	H.Ang≖69deg
GOES HXRBS UVSP Radio	18:25 18:22:42 18:42 Frequen	18:45 18:32:2; icy(MHz)/I	18:25 18:45 18:46 18:22:42 18:32:27 18:42:58 18:42 Frequency(MHz)/Flux(sfu):	Importance=C9 Peakc/s=74 Wavelength=2788A 606/150	Qual=03 Qual=01 Code=00	Tot Cts=13928 Exp #=82118	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=+338",Yaw=+506"	, Yaw=+506"
Event # 89/01/0	# = 10122 /09,19:26	6		SMM Pointing:	S31E44		Pitch=+459", Yaw=	, Yaw=+584", Roll	, Roll=Odeg	H.Ang=49deg
Optica Optica	Start	Peak	mes	HaClass=1B Code=LPS	S32E45 S33E41	AR5312 AR5312	Mac.=FKC	Carr.Lon.=307deg Carr.Lon.=311deg		H.Ang÷51deg H.Ang=48deg
GOES HXRBS BCS	19:14 19:25:12 19:26	19:26 19:25:4 19:24	22:23 3 19:34:41 20:20	Importance=M8 Peakc/s=389 CaPeak.c/s=5000	Qual=03 Qual=04 Qual= 1	Tot Cts=94981 FePeak=19:24	MaxkeV=144 FePeak.c/s=2100	Flags=M1, #Peaks=1	3N, EG dt= 3.8s Cad=1.02s	XEN=900917
FCS UVSP	19:19	•		Wavelength=2788A	Code=00	Exp #=82119	Rast=U.xU Rast=180"x1"	Step=0"	Pitch=+338"	', Yaw=+503"
Radio Radio	Sweeps Frequer	Type/ /(MHz)/	ensity: x(sfu):	111/1 245/130 1415/240 2	2695/450	4995/500 8800/840 15400/840	40 15400/840		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS	21:02:46	6 21:05:48	10	c/s=157 length=278	ssociated Qual=01			Flags=I Step=0"	 tch=+	,Yaw=+494"
BCS -	21:00	21:01	21:56	A CaPeak.c/s=104	Associated Qual= 1	Event # = 22030 FePeak=21:06	FePeak.c/s=20 Rast=0"x0"		dt= 3.8s Cad=.26s	(EN=90).256s
UVSP	:52			Wavelength=278	seociated	Exp #=82121 Fvent # = 22182	Rast=180"x1"		<u>_                                    </u>	", Yaw=+494" 
BCS -	20:20	20:20	20:22	CaPeak.c/s=370	Qual= 5	FePeak=20:20	FePeak.c/s=17 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	xEN=900918 1.024s/pixel
UVSP	20:17			Wavelength≈2788A	_	Exp #=82120	Rast=180"x1"	Step=0"	Pitch=+337	", Yaw=+498"
Event 89/01	# = 2218 /09,22:34 Start	3 D0Y=9 Peak	End times		00=10					
SCS BCS	22:33	22:34	22:57	CaPeak.c/s=28	Qual = 5	FePeak=22:38	FePeak.c/s=12 Rast=0"x0"	#Peaks=2 Step=0"	dt= 7.7s XI Cad=1.02s 1	xEN=900920 1.024s/pixel
UVSP	22:26			Wavelength=2788A		Exp #=82123	Rast=180"x1"	Step=0"	Pitch=+337	", Yaw=+486"

25.53 22:34:06 22:34:06   Prich=437"   Step=0"   Prich=436"   Step=0"   Step=0"   Prich=436"   Step=0"   S	Event # = 89/01/09,	= 10124 22:55	1 61	-	SMM Pointing:	S31E42		Pitch=+458" Ya	Yaw=+562" Roll=Oden		
1/00,23:10   DOP=9   Peak   DOP=9   Peak   DOP=10   Peak   DOP=10   DOP=1		2:53:53 2:53:53	reak 22:55 22:54:0	End tim 23:00 6 22:54:1	H 0. 3		Tot Cts=287 Exp #=82123	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+33)	, Yaw=+486"
13.24   Wavelength=2788A   Exp #=82124   Rast=100.%0"   Step=0" Cad=_266     14.01.03.23   Boy=10	)1/09 01/09 01/09	2218 23:10 23:10 3:05 3:07	DOY=9 Peak 23:10 23:15	nd time 3:25 3:29	150	Qual=01 Qual= 1	FePeak=23:19	FePeak.c/s=9	#Peaks=1		X FN = 900921
10125   1012	2	.5			à		Exp #=82124	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"		0.256s/pixel ",Yaw=+480"
1/10,003.34   DOY=10     Start   Peak   End times   Haclass=IN   Si2E41   AR5312   Hac.=FKC   Carr.Lon.=308deg     Sources   Calcologe   Calcolog	+	10195				89/01/1	i	79,	114		
Calculate National Cartesian Size 1	17	00:34 art		tim	Pointing	S31E41		Pitch=+457", Yaw	v=+552", Rol	]=0deg	H.Ang=47deg
\$\text{Society}\$ 00:22:50 00:37:17 00:56:03	Sca	:22		:49	HaClass=IN Importance=M3	\$32E41 0ual=03	AR5312	Mac.=FKC	Carr.Lon.	=308deg	H.Ang=47deg
00:58	33	S.	:27:	00:56:03 01:03	Peakc/s=225 CaPeak.c/s=2025	Qual=01 Qual= 1	Tot Cts=58863 FePeak=00:31	MaxkeV=144 FePeak.c/s=557	Flags=Ml #Peaks=1	dt= 7.7s	XEN=901000
1/10,02:02 D0Y=10 Start Peak End times  AClass=SF S31E37  AR5312  AR5312  AR5312  ARc.=FKC  Carr.Lon.=311deg  01:56 02:02 02:16 Importance=C7 Qual=01  01:41 02:01 02:37 CaPeak.c/s=204 Qual= 1  FePeak.c/s=39 #Peaks=2 dt=7.7s  Rast=243"x243" Step=0" Cad=.26s  Aveelength=2788A Code=00 Exp #=82127  Rast=243"x243" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Aveelength=1375A  Bayelength=1375A  Start Peak  Aveelength=1375A  Start Peak  Start Peak  Aveelength=1375A  Start Peak  Aveelength=1375A  Start Peak  Aveelength=1375A  Start Peak  Start Peak  Aveelength=1375A  Start Peak  Start Peak  Aveelength=1375A  Start Peak  Start Peak  Start Peak  Aveelength=1375A  Start Peak  Start Pea	0.0.0	:58 eps requenc	Type/1 :y(MHz)/F	£ξ	av 11 45		Exp #=82126	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=+336	0.256s/pixel ",Yaw=+471"
01:56 02:02 02:16   HaClass=SF   S31E37   AR5312   Mac.=FKC   Carr.Lon.=31Ideg   01:44   02:01 02:37   CaPeak.c/s=204   Qual=01   FePeak=02:00   FePeak.c/s=39   FePeak.c/s=30   FePeak.c/s=13   FePeak.c/s	15 '	22185 02:02 art		time							
01:44  #avelength=2788A Code=00 Exp #=82127 Rast=243"x243" Step=0" Cad=.265  #avelength=2788A Code=00 Exp #=82127 Rast=243"x243" Step=0" Cad=.265  #avelength=1375A Code=00 Exp #=82129	(a)	5:4:	02:02 02:01		Class=SF portance=C7 Peak.c/s=204	\$31E37 Qual=01 Qual= 1	AR5312 FePeak=02:00	Mac.=FKC FePeak.c/s=39	Carr.Lon.	=311deg	H.Ang=44deg
1/10,03:23	01	: 44			Wavelength=2788A			Rast=0"x0" Rast=243"x243"	Step=0" Step=3"		0.256s/pixel ',Yaw=+549"
03:23 03:23 03:33 CaPeak.c/s=43 Qual= 5 FePeak=03:23 FePeak.c/s=13 #Peaks=1 dt= 7.7s  03:21 Wavelength=1375A Exp #=82129 Rast=70"x70" Step=5" Pitch=+463"  1/10,03:37 DOY=10 SMM Pointing: S31E39 Pitch=+456", Yaw=+532", Roll=Odeg 03:30 03:37 04:12 Importance=C6 Qual=01 Tot Cts=271 MaxkeV=102 Step=6" Roll=01 Tot Cts=271 MaxkeV=102 Step=6" Cad=1.02s 03:46 03:53 04:07 CaPeak.c/s=32 Qual= 1 FePeak=03:53 Rast=0"x0" Step=6" Cad=1.02s 03:21 Mavelength=1375A Code=00 Exp #=82129 Rast=70"x70" Step=6" Pitch=+463"	11/1	92									
## 10126    Mavelength=1375A   Exp #=82129   Rast=0"x0"   Step=0"   Cad=1.02s	63	ю	3:2	3:3	aPeak.c/s=43	Qual=00 Qual= 5	FePeak=03:23	FePeak.c/s=13	#Peaks=1		XFN=901002
<pre>1/10.03:37</pre>					Wavelength=1375A		Exp #=82129	Rast=0"x0" Rast=70"x70"	Step=0" Step=5"		1.024s/pixel , Yaw=+539"
03:30 03:37 04:12 Importance=C6 Qual=01 Tot Cts=271 MaxkeV=102		9.	_	t impo	Pointing	S31E39		Pitch=+456", Yaw:	=+532", Roll	1=0deg	H.Ang=46deg
03:21 Rast=0"x0" Step=0" Cad=1.02s Mavelength=1375A Code=00 Exp #=82129 Rast=70"x70" Step=5" Pitch=+463'		22	~ <del>!:</del> ~	04:12 03:44:43 04:07	mportance=C6 eakc/s=48 aPeak.c/s=32	Qual=01 Qual=01 Qual= 1	Tot Cts=271 FePeak=03:53			dt= 7.7s	XEN=901003
	03:	.21			avelength=1375A		Exp #=82129			Cad=1.02s Pitch=+463"	1.024s/pixel , Yaw=+539"

Event # = 10128	30 DOY=10		SMM Pointing:	S31E38		Pitch=+456", Yaw=	, Yaw=+521", Roll=Odeg	l=0deg	H.Ang=45deg
Starical	Peak	End times	HaClass=SF HaClass=SF HaClass=SF	\$29E36 \$25W03 N25E40	AR5312 AR5310 AR5312	Mac.=FKC	Carr.Lon.=310deg Carr.Lon.=349deg Carr.Lon.=306deg		H.Ang=42deg H.Ang=21deg H.Ang=49deg
GDES 04:50 GOES 04:50 HXRBS 05:14:16 UVSP 05:30	05:30 1:16 05:15:01	05:46 05:17:07	ž,	Qual=01 Qual=01 Code=02	Tot Cts=2876 Exp #=82136	02 ×10	Step=0"	Pitch=+409"	, Yaw=+514"
HXRBS 05:03:52 UVSP 05:03	3:52 05:04 3 Typ	05:04:51 05:05:54 Type/Intensity:	c/s=94 ength=1375/	ssociated Qual=01	Event # = 1012/ Tot Cts=2612 Exp #=82132	MaxkeV=274 Rast=10"x10"	e b	tch=+49	, Yaw=+517"
vent # = 10,9/01/10,06	00 y = 1		SMM Pointing:	S31E37		Pitch=+455", Yaw	, Yaw=+508", Roll=0deg	1=0deg	H.Ang=44deg
Start B GOES 06:54 C HXRBS 06:55:45 C BCS 06:40 C	t Peak 4 06:57 5:45 06:57 0 06:40	End times 7.07:18 7:45 06:59:22 07:17	Importance=M2 Peakc/s=55 CaPeak.c/s=768	Qual=01 Qual=01 Qual= 5	Tot Cts=1570 FePeak=06:40	MaxkeV=102 FePeak.c/s=115 Rast=0"x0"	Flags=I #Peaks=1 Step=0"	dt= 3.8s X Cad=.26s 0	XEN=901004 0.256s/pixel
FCS UVSP 06:50 Radio Sweeps	·	Type/Intensity:	Wavelength=1375A III/1	Code=00	Exp #=82143	Rast=10"x10"	Step=0"	Pitch=+569"	', Yaw=+616"
Event # = 22187 89/01/10,08:20 Start Ontical	2187 :20 00Y=10 t Peak	End	_	\$29E33	AR5312	Mac.=FKC	Carr.Lon.=312deg	=312deg	H.Ang=40deg
GOES 08:15 BCS 08:12	5 08:20 8 08:18	0 08:27 8 08:39	<pre>Importance=C6 CaPeak.c/s=57</pre>	Qual=01 Qual= 5	FePeak=08:18	FePeak.c/s=10	#Peaks=1 Step=0"	dt= 3.8s Cad=.26s	XEN=901005 0.256s/pixel
CS IVSP 08:18	<sub>∞</sub>		₩avelength=1375A	Code=00	Exp #=82150	Rast=10"x10"	Step=0"	22	", Yaw=+457"
Event # = 22188 89/01/10,11:32 Start	2188 :32 DOY=10 t Peak	10 End times	S HA Class=SF	\$27E31	AR5312	Mac.=FKC	Carr.Lon.=312deg	.=312deg	H.Ang≈37deg
GOES 11:32	11:32	2 11:33	аРеа	Qual=00 Qual= 5	FePeak=11:32	FePeak.c/s=7	#Peaks=1 <+en=0"	dt= 7.7s Cad=1.02s	
FCS UVSP 11:52	25		Wavelength=2788A	ar.	Exp #=82163	Rast=180"x1"	Step=0"		
Event # = 22189 89/01/10,11:36 Start	2189 1:36 DOY=10 t Peak	End time	Ŋ	00-14:0					
GOES BCS 11:3	:36 11:36	11:42	CaPeak.c/s=19	Qual= 5	FePeak=11:40	FePeak.c/s=6 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	xEN=901007 1.024s/pixel
FCS UVSP 11:52	52		Wavelength=2788A	ď	Exp #=82163	Rast=180"x1"	Step=0"	Pitch=+332	", Yaw=+404"
			Name of the last o						

09/01/10,11:55 Start GOES 11:52 BCS 11:52 FCS	DUY=10 Peak 11:56 11:56	End times 12:00 11:58	Importance=C3 CaPeak.c/s=44	Qua]=03 Qua]= 1	FePeak=11:55	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=901008
11:52			Wavelength=2788A Code=00	\ Code=00	Exp #=82163	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+332",	1.024s/pixel ", Yaw=+404"
Event # = 22191 89/01/10,12:42 Start GOES 12:37 BCS 12:37	1 DOY=10 Peak 12:42 12:40	End times 13:00 13:28	Importance=C4 CaPeak.c/s=51	Qua]=02 Qua]= 1	FePeak=12:39	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=901009
12:2			Wavelength=2788A	Code=01	Exp #=82164	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s 0 Pitch=+332",	0.256s/pixel ", Yaw=+400"
event # = 10129 89/01/10,13:12 Start		q	SMM Pointing:	S31E34		Pitch=+453", Yaw=+466", Roll=Odeg	w=+466", Ro]	]=0deg	H. Ang=42deg
GOES 13:07 HXRBS 13:08:40 UVSP 13:26	13:12	Z _	Importance=M2 Peakc/s=99 Wavelength=2788A	Qua]=01 Qua]=01	Tot Cts=3870 Exp #=82165	MaxkeV=102 Rast=180"v1"	- C+ C	,	
Freque	Frequency(MHz)/Flux(sfu)		245/250					1101-1336 , 10W-1393	, ' aw=1393
Event # = 22192 89/01/10,14:12 Start Optical	2 D0Y=10 Peak	End times	HaClass=SF	90HZ2S	AD5310	O X Q F		100	
14:12	14.12	14.15	20-3/3 Acode)	Qual=00		יומרי - סאס	carr. Lon. = 330ueg		H.Ang=∠4deg
•	•		careak.c/ 5=22	Ųuai≡ 4	rereak=14:12	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s Cad=1 02e	XEN=901010
14:01			Wavelength=2788A		Exp #=82166	Rast=180"x1"	Step=0"	-	', Yaw=+390"
Event # = 10132 89/01/10,14:57 Start	D0Y=10 Peak	nd times	SMM Pointing:	S31E33		Pitch=+451", Yaw	', Yaw=+456", Roll=0deg	1=0deg	H.Ang=41deg
14:55 14:54:53 15:00	14:57 14:55:12		Importance=C4 Peakc/s=79 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=802 Exp #=82167	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+329",Yaw=+384	, Yaw=+384"
# = 10133 /10,15:06 Start		t imes	SMM Pointing:	S31E33		Pitch=+451", Yaw=+456", Roll=Odeg	/=+456", Roll	=0deg	H.Ang=41deg
15:00 5 15:01:03 14:53	15:06 15:01:22 15:04	15:08 15:02:40 15:09	Importance=C5 Peakc/s=73 CaPeak.c/s=72	Qual=01 Qual=01 Qual= 1	Tot Cts=929 FePeak=15:03	MaxkeV=102 FePeak.c/s=11	#Peaks=2	dt= 7.7s	XEN=901011
15:00	1 #		avelength=2788	Code=00 sociated	Exp #=82167 Event # = 10134	Kast=300"x240" Rast=180"x1" 	Step=15" Step=0" 	Cad= 328s 1 Pitch=+329",	1.024s/pixel ',Yaw=+384"

Event 89/01/ 60ES BCS FCS UVSP	e e	DOY=10 Peak 15:58 15:58	End times 16:06 16:02	Importance=C7 CaPeak.c/s=80 Wavelength=2788A	Qual=03 Qual= 1	FePeak=15:46 Exp #=82168	FePeak.c/s=11 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s ) Cad= 332s   Pitch=+329",	XEN=901012 1.024s/pixe1 ", Yaw=+380"
Event 89/01/ 60ES HXRBS BCS FCS UVSP	# = 10135 /10,16:19 Start 16:15 16:17:39 16:14	DOY=10 Peak 16:19 16:17:52 16:19	End times 16:25 16:18:40 16:40	SMM Pointing: Importance=C7 PeakC/s=56 CaPeak.c/s=216 Wavelength=2788A	S31E32 Qual=01 Qual=1 Qual= 1	Tot Cts=612 FePeak=16:18 Exp #=82169	Pitch=+450", Yaw= MaxkeV=102 FePeak.c/s=28 Rast=180"x180" Rast=180"x1"	, Yaw=+446", Roll 28 #Peaks=1 80" Step=10" ". Step=0"	,Roll=Odeg H s=1 dt= 7.7s X 10" Cad= 332s 1 0" Pitch=+329",	H.Ang=40deg XEN=901013 1.024s/pixel ",Yaw=+374"
Event 89/01/ Optica GOES HXRBS UVSP Radio	# = 10,1   Sta   17:   17:   18:	10136 7:59 DOY=10 rt Peak 43 17:59 44:28 17:47:57 07 equency (MHz)/F1	End times 18:52 18:08:24 1ux(sfu):	SMM Pointing: HaClass=1F Importance=M3 Peakc/s=303 Wavelength=2788A 2695/67 4995/75 8	S31E31 S34E37 Qual=0; Qual=0 Code=0; 800/52	AR5312 3 Tot Cts=26329 2 Exp #=82171 15400/120	Pitch=+449", Yaw= Mac.=FKC MaxkeV=187 Rast=180"x1"	, Yaw=+436", Roll= Carr.Lon.=3 Flags=M1, FS Step=0" FS	,Roll=Odeg H Lon.=302deg H =M1,FS O" Pitch=+329",	H.Ang=40deg H.Ang=46deg ,Yaw=+364"
Event 89/01/ 0ptica GOES HXRBS HXRBS FCS UVSP Radio	# = 10130 /10,19:12 Start al 18:52 19:06:52 18:52 19:40 Sweeps	D0Y= Peak 19:1 19:0 19:2	End times 20:00 19:12:35 19:47 ntensity:	SMM Pointing: HaClass=SF Importance=M2 PeakC/s=57 CaPeak.c/s=118 Wavelength=2788A	\$31E30 N32W01 Qual=01 Qual=1	AR5315 Tot Cts=3061 FePeak=19:28 Exp #=82173	Pitch=+449", Yaw: Mac.=AXX MaxkeV=102 FePeak.c/s=18 Rast=180"x1" Rast=180"x1"	, Yaw=+424", Roll=Odeg Carr.Lon.=340deg 18 #Peaks=2 dt= 7. 80" Step=10" Cad= 3 ". Step=0" Pitch=	7s 32s +328	H.Ang=39deg H.Ang=36deg XEN=901015 1.024s/pixel ", Yaw=+353"
Event 89/01/ 89/01/ 0ptic 60ES HXRBS GRS GRS BCS FCS UVSP Radio	# = 10131 /10,20:31 D0 Start PP 20:20 21 20:23:10 22 20:24:00 20:24 2 20:25 70:29	DOY=10 Peak 20:31 20:25:3 20:29	End times 21:14 3 21:20:14 20:31:00 21:20 Flux(sfu):	SMM Pointing: S31E30  HaClass=1B S31E30 Al Importance=X1 Qual=01 Tot C CaPeakc/s=2843 Qual= 1 FePea Wavelength=1375A Code=00 Exp # 1415/950 2695/1400 8800/1500	\$31E30 \$31E30 Qual=01 Qual=12 Qual= 1 Code=00	AR5312 Tot Cts=3.01E+6 FePeak=20:28 Exp #=82176 500	Pitch=+449" Mac.=FKC MaxkeV=855 FePeak.c/s= Rast=180"x10 Rast=10"x10	+424" Carr. Flags Flegs Step= Step=	,Roll=Odeg Lon.=308deg =M5,SN s=1 dt= 3.8s 10" Cad= 332s 0" Pitch=+428"	H.Ang=39deg H.Ang=39deg Dur=420sec XEN=901016 1.024s/pixel '', Yaw=+419"
Event 89/01 0ptic GOES BCS UVSP	# = 22194 /10,21:19 Start al 21:15 21:21 21:09	DOY=10 Feak 21:19 21:21	End times 21:45 21:21	HaClass=SF Importance=M1 CaPeak.c/s=171 Wavelength=1375A	N27E69 Qual=03 Qual= 5 Code=00	AR5317 FePeak=21:21 Exp #=82182	FePeak.c/s=17 Rast=10"x10"	Carr.Lon. #Peaks=1 Step=0"	=268deg dt= 7.7s Pitch=+428"	H.Ang=73deg XEN=901017 '', Yaw=+414''

5			W							
89/01/	10,22:50		•	SMM Pointing:	S31E29		Pitch=+448", Yaw=+403" Roll=Oden	w=+403" Rol	]=0dea	H Ang=38deg
		22:50	End t1 22:53	S	0ua]=01				5 5 -	hanor him
HXRBS BCS FCS	22:50:13 22:00	3 22:50:24 22:51	4 22:50:46 22:54	Peakc/s=53 CaPeak.c/s=97	Qual=01 Qual= 1	Tot Cts=307 FePeak=22:51	MaxkeV=102 FePeak.c/s=24		dt= 7.7s	XEN=901018
/SP	22:43			Wavelength=1375A	A Code=00	Exp #=82191	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s Pitch=+427"	1.024s/pixel ", Yaw=+414"
2	10166 - #		7,000		89/01/11	11 D0Y=11				
S 0	1/11,00:00 Start 23:50 23:31	DOY=11 Peak 00:00	End times 00:10	Importance=C5	Qual=01					
Sol	23:50		9	Wavelength=1375A	Code=0	Fereak=23:39 Exp #=82196	FePeak.c/s=13 Rast=180"x180" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 332s 1 Pitch=+487",	XEN=901019 1.024s/pixel ",Yaw=+456"
vent # 9/01/11	# = 22196 11,00:57 Start	DOY=11 Peak	End times							
Optical GOES	00:48		:37	HaClass=SF	\$34E33	AR5312	Mac.=FKC	Carr.Lon.=302deg	=302deg	H.Ang=43deg
S	01:06	01:08	02:01	CaPeak.c/s=393	Qual= 5	FePeak=01:06	FePeak.c/s=33	#Peaks=1		XEN=901100
SP	01:06			Wavelength=1375A	A Code=02	Exp #=82201	Rast=300"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 328s Pitch=+455"	1.024s/pixel ",Yaw=+400"
vent # 9/01/1	t # = 10138 1/11,03:01 Start	DOY=11 Peak	End times	SMM Pointing:	\$31E26	To the state of th	Pitch=+447", Yaw=+373", Roll=Odeg	/=+373", Roll	]=0deg	H.Ang=37deg
Optical GOES	02:53	03:0	:35	HaClass=SF Importance=C8	N20E68	AR5317	Mac.=CSO	Carr.Lon.=266deg	=266deg	H.Ang=71deg
	02:51:45 02:56	02:53:01	02:53:14	Peakc/s=57 Wavelength=1375A	Qual=01 Qual=01 A Code=00	Tot Cts=660 Exp #=82214	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+451"	', Yaw=+460"
ent # /01/1	# = 11384 711,04:59 Start	DOY=11 Peak	End times	SMM Pointing:	S31E26		Pitch=+448", Yaw	, Yaw=+362", Roll	, Roll=Odeg	H.Ang=36deg
ical	04:45	04:59	05:20	HaClass=SF Importance=M1	\$32E32 0ual=01	AR5312	Mac.≖FKC	Carr.Lon.=301deg	301deg	H.Ang=41deg
8	04:44:26 04:47	04:45:23 04:47	04:49:22 04:54	Peakc/s=847 CaPeak.c/s=179	Qual=01 Qual= 1	Tot Cts=14800 FePeak=04:47	MaxkeV=230 FePeak.c/s=37	Flags=M5, #Peaks≖1	dt= 3.8s	XEN=901101
UVSP Radio S	04:22 weeps	Type/Ir	0 Sweeps Type/Intensity:	Wavelength=1375A Code=00 II/3 III/3	1 Code=00	Exp #=82220	Rast=300"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 328s Pitch=+454"	
- S8	04:56:25	04:57:05			701	Event # = 9307 Tot Cts=875	MaxkeV=102	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1
- 538 BCS - 5	05:06	05:07		ak.c/s=20	70	Event # = 22197 FePeak=05:06		•		XFN=901102
_							Rast=0"x0"		Cad=3840s	3840s/pixel

Event # = 22198 89/01/11,06:14 GOES Start GCS 06:14 FCS 06:14	38 4 DOY=11 Peak 06:14	End times 06:16 (	CaPeak.c/s=23 Wavelength=1375A	Qual=00 Qual= 2	FePeak=06:14 Exp #=82225	FePeak.c/s=6 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XE Cad=1.02s 1. Pitch=+456",	XEN=901103 1.024s/pixel ", Yaw=+432"
E 7	139 19 DOY=11 Peak 06:49 11 06:32:1'	End times 07:43 06:43	SMM Pointing: S31E25 HaClass=SF S34E28 Importance=M2 Qual=02 Peakc/s=56 Qual=01 CaPeak.c/s=488 Qual= 2		AR5312 Tot Cts=302 FePeak=06:41 Exp #=82229	Pitch=+447", Yaw=+352", Roll=Odeg Mac.=FKC Carr.Lon.=304de MaxkeV=102 FePeak.c/s=61 #Peaks=1 dt= 7 Rast=180"x180" Step=10" Cad= Rast=10"x10" Step=0" Pitch	=+352", Roll=Odeg Carr.Lon.=304deg #Peaks=1 dt= 7. Step=10" Cad= 3 Step=0" Pitch=	g •7s 332s i=+516	H.Ang=36deg H.Ang=40deg XEN=901104 1.024s/pixel ", Yaw=+379"
UVSP 06:41 HXRBS 06:37:05 ( UVSP 06:28 HXRBS 06:29:17 ( UVSP 06:28	:05 06:37:35 :17 06:29:28	06:38:03	Peakc/s=43 Wavelength=1379 Peakc/s=48 Wavelength=1379	Sociated Qual=01 Sociated Qual=01	Even Tot Ever Tot Exp	MaxkeV=102 Rast=10"x10" —	Step=0" Step=0" Step=0"	Pitch=+456" 	,Yaw=+430" ,Yaw=+430"
Event # = 10141 89/01/11,07:45 Start GOES HXRBS 07:43:41 BCS 07:42 FCS UVSP 07:39	DOY=1 Peak 07:44 07:45	1 End times :02 07:44:24 08:16	SMM Pointing: Peakc/s=442 CaPeak.c/s=69 Wavelength=1375A	S31E24 Qual=00 Qual=01 Qual= 4	Tot Cts=4280 FePeak=07:45 Exp #=82232	Pitch=+447", Yaw=+342", Roll=Odeg MaxkeV=230 Flags=M5 FePeak.c/s=9 #Peaks=1 dt= 3 Rast=180"x180" Step=10" Cad= Rast=10"x10" Step=0" Pitch	<pre>#=+342", Rol Flags=M5 #Peaks=1 Step=10" Step=0"</pre>	.8s 332s =+456	H.Ang=35deg XEN=901105 1.024s/pixel '', Yaw=+422''
Event # = 22200 89/01/11,09:54 Start GOES 09:45 BCS 09:39 FCS 10:19	200 54 DOY=11 Peak 09:54 09:47	End times 10:20 09:54	Importance=M1 CaPeak.c/s=29 Wavelength=2788A	Qual=02 Qual= 3 SA	FePeak=09:47 Exp #=82238	FePeak.c/s=7 Rast=115"x115" Rast=180"x1"	#Peaks=2 Step=5" Step=0"	dt= 7.7s Cad=1083s Pitch=+325	XEN=901106 2.048s/pixel ", Yaw=+252"
Event # = 22201 89/01/11,10:46 Start GOES 10:37 BCS 10:54 FCS 10:54	2201 :46 DOY=11 : Peak 7 10:46 4 10:55	1 End times 11:15 11:21	Importance=C5 CaPeak.c/s=88 Wavelength=2788A	Qual=05 Qual= 5 8A	FePeak=10:59 Exp #=82238	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 3.8s XI Cad=1.02s 1 Pitch=+325",	XEN=901107 1.024s/pixel ", Yaw=+252"

Event # =	22202								
69/01/11,12:09 Start GOES 11:57 BCS 12:00 FCS	.c:09	End times 12:19 12:05	s Importance=C7 CaPeak.c/s=102	Qua]=02 Qua]= 2	FePeak=12:01	FePeak.c/s=13			N CO THE CO
UVSP 11: Radio Fr	52 equency (MHz	11:52 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 8800/72 15400/65	A Code=01 5	Exp #=82240	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s 1 Pitch=+324",	AEN=901108 1.024s/pixel 1", Yaw=+241"
Event # = 22203 89/01/11,12:35 Start GDFS 12:20	22203 2:35 DOY=1] rt Peak								
BCS 12:3	31 12:33	12:38	Importance=U/ CaPeak.c/s=28	Qual=01 Qual= 4	FePeak=12:31	FePeak.c/s=8			YEN-001100
UVSP 12:4	:49		Wavelength=2788A		Exp #=82241	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=+324"	1.024s/pixel ".Yaw=+234"
Event # = 22204 89/01/11,13:38 Start	22204 3:38 DOY=11 rt Peak	1 End times					-		
BCS 13:3	33 13:38	13:45	CaPeak.c/s=67	Qual=00 Qual= 5	FePeak=13:38	February / s=8		6 6 1	
UVSP 13:2	56		Wavelength≃2788A		Exp #=82242	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	du= 3.05 A Cad= 328s 1 Pitch=+324",	<pre>AEN=901110 1.024s/pixel ",Yaw=+229"</pre>
Event # = 22205 89/01/11,14:11 Start	:2205 :11 00Y=11 t Peak	End times							-
GOES BCS 14:09 FCS	9 14:11	14:16	CaPeak.c/s=33	Qual=00 Qual= 1	FePeak=14:09	Febeak,c/s=7		4 - 4	0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
VSP 14:2	4		Wavelength=2788A		Exp #=82243	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s Pitch=+324"	<pre>AEN=901118 1.024s/pixel ''.Yaw=+223"</pre>
vent # = 1 9/01/11,14 Star	0142 :28 DOY=11 t Peak	End times	SMM Pointing:	S31E21		Pitch=+445", Yaw	, Yaw=+299", Roll=0deq		H.Ang=33deg
GOES 14:21 1 HXRBS 14:21:26 1 UVSP 14:24	14:28 14:22	14:32 :05 14:22:18	Importance=C5 Peakc/s=123 Wavelength=2788A	Qual=02 Qual=01 Code=00	Tot Cts=1032 Exp #=82243	MaxkeV=187 Rast=180"xl"	Step=0"	Pitch=+324"	
t # = 1/11,1 Sta	22206 15:09 DOY=11 irt Peak	End times					-		
GOES BCS 15:09 FCS 15:00 UVSP 15:00	9 15:09	15:23	CaPeak.c/s=43	Qual=00 Qual= 5		FePeak.c/s=9 Rast=300"x240"	#Peaks=I Step=15"	dt= 3.8s X Cad= 328s 1	XEN=901111 1.024s/nixel
ent # = 22	207		V00 /7- 113 613 - 3 - 3 - 1		Exp #=62244	Kast=180"x1"	Step=0"	Pitch=+322"	', Yaw=+220"
89/01/11,15:33 Start Optical	Pea	d times	.Class=SF	N28E51	AR5318	Mac.=CCO	sobate no lane)		C L
BCS 15:38	15:39	16:04	Importance=Ml CaPeak.c/s=320	Qual=05 Qual= 5	FePeak=15:39	February C/s=33		,	n.Ang=59deg
SP 15:58		_	Wavelength=2788A	-	Exp #=82245	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s 1 Pitch=+322",	λεκ=901112 1.024s/pixel ',Υαw≖+212"

Event # = 89/01/11, Optical 60ES 16 FCS 16 UVSP 16	22208 16:47 cart 5:44 5:41	DOY=11 Peak 16:47 16:49	End times 16:57 16:57	HaClass=SF Importance=C5 CaPeak.c/s=55 Wavelength=2788A	\$34E20 Qual=04 Qual= 4 Code=01	AR5312 FePeak=16:49 Exp #=82246	Mac.=FKC FePeak.c/s=10 Rast=300"x240" Rast=180"x1"	Carr.Lon.=307deg #Peaks=1 dt= 3. Step=15" Cad= 3 Step=0" Pitch=	8s 28s +322	H.Ang=35deg XEN=901113 1.024s/pixel ', Yaw=+208"
Event # = 89/01/11, St GOES	22209 17:28 art :21	D0Y=11 Peak 17:28	End times 17:32	CaPeak.c/s=19 Wavelength=2788A	Qual=00 Qual= 4	FePeak=17:31 Exp #=82247	FePeak.c/s=7 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 332s 1 Pitch=+322",	XEN=901114 1.024s/pixel ", Yaw=+201"
Event # 89/01/11 Optical GOES HXRBS	= 10145 1,18:03 Start 18:00 18:17:30	DOY=11 Peak 18:03 18:17:54	End times 18:07 18:18:12	SMM Pointing: HaClass=SF Importance=C8 Peakc/s=46 Wavelength=1375A	S31E18 S33E20 Qual=05 Qual=01	AR5312 Tot Cts=229 Exp #=82248	Pitch=+442", Yaw Mac.=FKC MaxkeV=102 Rast=265"x265"	, Yaw=+266", Roll=Odeg Carr.Lon.=306deg 65" Step=5" Pitch=	,Roll=Odeg Lon.=306deg 5" Pitch=+450"	H.Ang=32deg H.Ang=34deg ',Yaw=+279"
Event 89/01/ 60ES BCS FCS UVSP	./11,18:19 Start 18:17 18:17	DOY=11 Peak 18:19	End times 19:08	CaPeak.c/s=216 Wavelength=1375A	Qual=00 Qual=1	FePeak=18:18 Exp #=82250	FePeak.c/s=32 Rast=180"x180" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 3.8s Cad= 332s Pitch=+467"	XEN=901115 1.024s/pixel ",Yaw=+276"
Event 89/01/ GOES HXRBS UVSP	t # = 10144 1/11,18:20 Start 18:15 S 18:14:28 18:18	DOY=11 Peak 18:20 18:14:41	End times 19:16 18:15:20	SMM Pointing: Importance=C6 Peakc/s=59 Wavelength=1375A	\$31E18 Qual=01 Qual=01 Code=00	Tot Cts=482 Exp #=82250	Pitch=+442", Yaw MaxkeV=144 Rast=10"x10"	,Yaw=+266",Roll=0deg " Step=0" Pitch	-Odeg   	H.Ang=32deg ",Yaw=+276"
Event 89/01/ GOES HXRBS UVSP	: # = 10146 [/11,18:34 Start S 18:33:57 18:33	DOY=11 Peak 18:34:02	End times 18:34:06	SMM Pointing: Peakc/s=47 Wavelength=1375A	\$31E18 Qual=00 Qual=01	Tot Cts=80 Exp #=82252	Pitch=+442", Yaw MaxkeV=102 Rast=10"x10"	,Yaw=+266",Roll=0deg	=0deg     	H.Ang=32deg ", Yaw=+275"
Event 89/01/ GOES HXRBS UVSP Radio	1/11,20:25 Start 20:17 \$ 20:22:10 20:19 5 20:28	20 Pe	r=11 ak End times :25 20:30 :22:25 20:22:33 Type/Intensity:	SMM Pointing: Importance=C4 Peakc/s=47 Wavelength=1375A V/1	\$31E18 Qual=01 Qual=01 Code=00	Tot Cts=126 Exp #=82263	Pitch=+442", Yav MaxkeV=102 Rast=10"x10"	,Yaw=+254",Ro	,Roll=Odeg 0" Pitch=+476	=0deg H.Ang=31deg Pitch=+476",Yaw=+266"

Event , 89/01/	* = 10148			CMM Dointing.	C31E18					
	Start	Peak	End times	5	331510		۲۱נמ=+446″, ץמ	, Yaw=+254", Ro	, Roil=Udeg	H.Ang=31deg
XRB. VSP	20:32:44 20:32	1 20:32:5	6 20:33:36	Peakc/s=49 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=301 Exp #=82265	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=+476"	)", Yaw=+245"
Event # 89/01/1	t # = 10152 1/11,21:37 Start	D0Y=11 Peak	End times	SMM Pointing:	S31E17		Pitch=+442", Ya	, Yaw=+243", Rol	, Roll=Odeg	H.Ang=31deg
Optical Optical GOES	21:28	21:3	, 0:	HaClass=SB HaClass=SF Importance=C5	N23E50 N28E53 0ual=01	AR5317 AR5318	Mac.≃CSO	Carr.Lon.=274deg Carr.Lon.=271deg	=274deg =271deg	H.Ang=56deg H.Ang=60deg
HXRBS BCS FCS	21:28:09 21:21	21:29:1 21:37	7 21:31:30 22:18	akc/s=74 beak.c/s=46	Qual=01 Qual= 4	Tot Cts=2072 FePeak=21:37	MaxkeV=102 FePeak.c/s=9		dt= 3.8s	XEN=901116
UVSP				Wavelength=1375A	Code=00	Exp #=82268	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s 1 Pitch=+466",	1.024s/pixel ", Yaw=+253"
- L	# = 10153 '11,22:53 Start	DOY=11 Peak	End times		S31E16		Pitch=+442", Yav	, Yaw=+231", Rol	, Roll=Odeg	H.Ang=31deg
8	22:45	22:5	3:12		N19E58 Oual=04	AR5317	Mac.=CSO	Carr.Lon.=265deg	=265deg	H.Ang≃62deg
HXRBS UVSP Radio	22:54:17 22:56 Frequen	22:55: cy (MHz)	23:04:16 lux(sfu):	Peakc/s=106 Wavelength=1375A 2695/58 15400/78	Qual=01 Code=02	Tot Cts=7300 Exp #=82275	MaxkeV=274 Rast=265"x265"	Step=5"	Pitch=+449"	", Yaw=+244"
Event # 89/01/1	t # = 10149 1/11,23:40 Start	D0Y=11 Peak	Fnd times	SMM Pointing:	S31E16		Pitch=+442",Yaw	, Yaw=+231", Rol	, Roll=Odeg	H.Ang=31deg
Optical GOES	23:36	23:40	23:56	Class=SF ortance=C6	N18E73	AR5321		Carr.Lon.=250deg	=250deg	H.Ang=75deg
HXRBS BCS FCS	23:36:41 23:23	23:36:50 23:49	23:37:03	Peakc/s=46 CaPeak.c/s=58	Qual=01 Qual= 2	Tot Cts=113 FePeak=23:49	MaxkeV=102 FePeak.c/s=16		dt= 7.7s	XEN=901117
	23:39			Wavelength=1375A	Code=00	Exp #=82283	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s Pitch=+485	1.024s/pixel ", Yaw=+246"
# +4073	- 11303		To Management and American		89/01/12	D0Y=12		7 (100)		
#	11393 2,00:33 Start	D0Y=12 Peak	End times	SMM Pointing:	S31E16		Pitch=+441", Yaw	, Yaw=+225", Rol	, Roll=Odeg	H.Ang=30deg
_				HaClass=SF	\$28E17	AR5312	Mac.=FKC	Carr.Lon.=305deg	=305deg	H.Ang=29deg
VSP	00:33:00 00:33	00:33:12	00:33:27	Peakc/s=71 Wavelength=1375A		Tot Cts=350 Exp #=82286	MaxkeV=102 Rast=10"x10"	Flags=I Step=0"	Pitch=+490"	', Yaw=+290"
Event # 89/01/12 Optical	t # = 22210 1/12,01:01 Start cal	D0Y=12 Peak	End times	HaClass=SF	\$28E17	AR5312	Mac.=FKC	Carr. Lon.=	=305deq	H. Ang=29deg
SSS S	00:29	01:01	01:26	CaPeak.c/s=101 (	Qual=00 Qual= 1	FePeak=01:01	FePeak, c/s=13		7s	XEN=901200
	01:00			Wavelength=1375A		Exp #=82290	Rast=0"x0" Rast=10"x10"		Cad=1.02s ] Pitch=+470",	1.024s/pixel ',Yaw=+227"

# = 22211 1/12,02:57 Start 02:51 02:06	DOY=12 Peak 02:57 02:57	End times 03:03 03:01	Importance=C3 CaPeak.c/s=56 Wavelength=1375A	Qual=03 Qual= 1 F Code=00 E	FePeak=02:57 Exp #=82301	FePeak.c/s=12 Rast=0"x0" Rast=10"x10"	#Peaks=3 Step=0" Step=0"	dt= 3.8s X Cad=1.02s 1 Pitch=+470",	XEN=901201 1.024s/pixel ",Yaw=+218"
Event # = 10150 89/01/12,04:24 0ptical 60ES 04:17 HXRBS 04:20:57 BCS 03:46 FCS 04:12 RVSP 04:12 RAdio Sweeps	= 10150 d4:24 D0Y=12 fart Peak End time 4:17 04:24 05:05 4:20:57 04:26:40 04:27:33 3:46 04:24 04:27:33 4:12 Type/Intensity eeps Type/Intensity Frequency(MHz)/Flux(sfu)	ν	SMM Pointing: HaClass=1N Importance=M1 Peakc/s=400 CaPeak.c/s=824 Wavelength=1375A III/1 2695/59 8800/100	S31E13 S34E19 Qual=11 Qual=1 Code=00	AR5312 Tot Cts=15666 FePeak=04:24 Exp #=82308	Pitch=+441", Yaw=+195" Mac.=FKC Carr. MaxkeV=187 Flags: FePeak.c/s=141 #Peak: Rast=240"x240" Step= Rast=10"x10" Step=	, Rol', Lon. = DG, Lon. = 0.00	7s 90s +475	H.Ang=30deg H.Ang=35deg XEN=901202 1.024s/pixel ', Yaw=+208"
Event # = 22212 89/01/12,05:25 89/01/12,05:25 0ptical 60ES BCS 05:24 FCS 05:24 Radio Sweeps	D0 Pe 05	Y=12 End times :25 05:52 Type/Intensity:	HaClass=SF CaPeak.c/s=37 Wavelength=1375A III/1	N20E51 Qual=00 Qual= 5	AR5317 FePeak=05:25 Exp #=82313	FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	Carr.Lon.=269deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=10" Pitch=	7s 02s +475	H.Ang=56deg XEN=901203 1.024s/pixel ",Yaw=+194"
t # = 10155 1/12,06:02 Start S 06:02:12 05:56	D0Y=12 Peak : 06:02:16	End times 5 06:02:25	SMM Pointing: Peakc/s=57 Wavelength=1375A	\$31E13 Qual=00 Qual=01	Tot Cts=76 Exp #=82315	Pitch=+441", Yaw MaxkeV=102 Rast=30"x30"	,Yaw=+184",Rol	,Roll=Odeg h	H.Ang=29deg , Yaw=+195"
.# = 22213 ./12,07:04 ./12,07:04 ./12,07:02 ./10	D0Y=12 Peak 07:04	End times 07:40	CaPeak.c/s≖49 Wavelength=1375A	Qual=00 Qual= 5	FePeak=07:04 Exp #=82318	FePeak.c/s=7 Rast=300"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=10"	dt= 3.8s XI Cad= 328s 1 Pitch=+475",	XEN=901204 1.024s/pixel ", Yaw=+181"
Event # = 22214 89/01/12,08:49 0ptical GOES 08:45 BCS 08:40 FCS UVSP 08:35	1 D0Y=12 Peak 08:49 08:48	End times 09:02 09:01	HaClass=SF Importance=C4 CaPeak.c/s=96 Wavelength=2788A	S33E15 Qual=01 Qual= 1 A Code=00	AR5312 FePeak=08:47 Exp #=82322	Mac.=FKC FePeak.c/s=14 Rast=240"x240" Rast=243"x243"	Carr.Lon.=303deg #Peaks=2 dt= 7. Step=10" Cad= 5 Step=3" Pitch=	=303deg H dt= 7.7s X Cad= 590s 1 Pitch=+448",	H.Ang=32deg XEN=901220 1.024s/pixel ", Yaw=+172"

DOY=12								
	End times 09:14 09:13	Importance=C3 CaPeak.c/s=30	Qual=01 Qual= 1	FePeak=09:10	FePeak.c/s=7		dt= 7.7s	XEN=901221
		Wavelength=2788A	A Code=00	Exp #=82322	Rast=115"x115" Rast=243"x243"	Step=5" Step=3"	Cad=1083s 2 Pitch=+448",	2.048s/pixel ", Yaw=+172"
	End times	SMM Pointing:	S31E10		Pitch=+440", Yaw=+147"	/=+147", Ro1	, Roll=Odeg	H.Ang=28deg
		HaClass=SF Importance=C7	\$32E12	AR5312	Mac.=FKC	Carr.Lon.=305deg	=305deg	H.Ang≕30deg
14:20 14	10:34:31 10:47	Peakc/s=55 CaPeak.c/s=276	Qual=01 Qual= 1	Tot Cts=133 FePeak=10:33	MaxkeV=144 FePeak.c/s=28		dt= 7.7s	XEN=901205
		length=2788/	A Code=02 Associated			Step=10" Step=0"	Cad= 590s 1 Pitch=+319",	1.024s/pixel ",Yaw=+72" 
	Ω	Peakc/s=55	(ual=01	Tot Cts	MaxkeV=102			
	End times 11:45 11:27	Importance=C3 CaPeak.c/s=23	Qual=02 Qual= 2	FePeak=11:25	FePeak.c/s=7	1	dt= 7.7s	XEN=901206
		Wavelength=2788A	Code=01	Exp #=82325	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+319",	1.024s/pixel ',Yaw=+68"
	End times							
	13:06	CaPeak.c/s=19	Qual=00 Qual= 2	FePeak=12:58			dt= 7.7s	XEN=901207
		Wavelength=2788A		Exp #=82327	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+319"	1.024s/pixel ",Yaw=+56"
1	End times							
	13:55	CaPeak.c/s=27	Qual=00 Qual= 4	FePeak=13:40			dt= 7.7s	XEN=901208
		Wavelength=2788A		Exp #=82328	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+319",	1.024s/pixel ',Yaw=+49"
ш	End times	T) = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =	NOCHA	ADE 207	S E	-		
	14:46 (	. ~	Qual=03 Qual= 1	ePe			2/2	H.Ang=54deg XFN=901200
		velength=2788A	1	xp #=82329	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	1.02s =+317	1.024s/pixel ", Yaw=+45"
_	5:21	CaPeak.c/s=23	Qual= 5	ePeak=15:05	FePeak, c/s=6		dt= 7.7s	XEN=901210
	-	Wavelength=2788A		Exp #=82330	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+317"	1.024s/pixel " Yaw=+37"

Event # = 89/01/12,1 Sta GOES 15: BCS 16: FCS UVSP 16:	= 22221 16:04 [ 1:16:04 [ 15:59 ] 6:04 ]	D0Y=12 Peak 16:04 16:05	End times 16:18 16:11 (	Importance=C3 CaPeak.c/s=27 Wavelength=1375A	Qual=04 Qual= 5 Code=02	FePeak=16:05 Exp #=82331	FePeak.c/s=9 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s XI Cad=1.02s 1 Pitch=+445",	XEN=901211 1.024s/pixel ",Yaw=+115"
Event # = 7 89/01/12,10 Stan Optical 60ES 16:0 HXRBS 16:0 FCS 16:0 FCS 16:0 HXRBS 16:0 FCS 16:0 FCS 16:0 FCS 16:0 FCS 16:0 FCS 16:0	5:46 7: 00 15:06 14: 37	DOY=12 Peak Enc 16:46 16: 16:45:17 16: 16:46 16:	1 times 49 48 48 48	SMM Pointing: HaClass=SF Importance=C3 Peakc/s=60 CaPeak.c/s=34 Wavelength=1375A	S31E07 S30E02 Qual=01 Qual=1 Qual=1 Code=00 Ssociated Qual=01	AR5312 Tot Cts=516 FePeak=16:46 Exp #=82337 Event # = 10157 Tot Cts=183	Pitch=+435", Yaw=+101", Roll=Odeg Mac.=FKC	=+101",Roll=Odeg Carr.Lon.=312deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	9 .7s .02s =+462	H.Ang=27deg H.Ang=26deg XEN=901212 1.024s/pixel ", Yaw=+189"
Event # = 17 89/01/12,17: Starri Optical GOES 17:4 HXRBS 17:4 BCS 17:3 FCS UVSP 17:4: HXRBS 17:4:	1416 148 11 122 33:22 3	DOY=12 Peak 17:48 17:44:30 17:41 17:39:12	End times 18:00 17:45:36 18:21 18:21	HaClass=1N Importance=C9 Peakc/s=120 CaPeak.c/s=88 Wavelength=1375 Peakc/s=72	S31E06 S16W12 Qual=01 Qual=0 Qual= 5 A Code=00 Associated Qual=01	AR5311  Tot Cts=3160 FePeak=17:41 Exp #=82342 Event # = 10156 Tot Cts=220 Exp #=82340	Pitch=+438" Mac.=EAI MaxkeV=102 FePeak.c/s= Rast=240"x2 Rast=10"x10 MaxkeV=102 Rast=265"x2	,Yaw=+90",Roll=Odeg Carr.Lon.=325deg Flags=I 15 #Peaks=2 dt= 3. 40" Step=10" Cad= 5 " Step=0" Pitch= 	eg 3.8s 590s h=+477: 	H.Ang=27deg H.Ang=17deg XEN=901213 1.024s/pixel 2", Yaw=+125"
Event # = 89/01/12, St. 60ES BCS 18 FCS UVSP 18	= 22222 2,18:26 Start 18:26 18:23	00Y=12 Peak 18:26	End times 18:29	CaPeak.c/s=20 Wavelength=1375A	Qual=00 Qual= 5	FePeak=18:26 Exp #=82348	FePeak.c/s=9 Rast=240"x240" Rast=10"x10"	*Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=+462",	XEN=901214 1.024s/pixel , Yaw=+190"
Event # = 89/01/12, St. GOES	= 22223 19:39 tart 9:39	DOY=12 Peak 19:39 19:44	End times 20:01	CaPeak.c/s=50 Peak3c/s=11 Wavelength=1375A	Qual=00 Qual= 5	FePeak=19:39 Exp #=82353	FePeak.c/s=40 Rast=0"x0" Rast=10"x10"	#Peaks=2 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+487"	XEN=901215 1.024s/pixel , Yaw=+187"

Pitch+4438', Yam-465', Roll-Gdeg	Event # = 10166 89/01/12 20:26	200	and the same of th			Addition in control of the control o				
20.26 22.58   HaClass=18   N.20644   AR3313   Hac.=CAO   Carr.Lon.=28deeg   Carr.Lon.=	tart	DOT=12 Peak	time		S31E04		Pitch=+438", Ya	w=+65", Roll	=0deg	H.Ang=27deg
20:46 20:58 CaPeak.c/s-27 Qual=0 CaPeak.c/s-37 Qual=0 CaPeak.c/s-28 Qual=3 FePeak-20:49 FePeak.c/s-13 Step=0 Ditch=445 Pereak.c/s-13 Step=0 Ditch=445 Pereak.c/s-13 Step=0 Ditch=445 Pereak.c/s-13 Step=0 Ditch=443 Pereak.c/s-15 Qual=0 Pereak.c/s-13 Step=0 Step=0 Ditch=443 Pereak.c/s-15 Qual=0 Ditch=443 Pereak.c/s-15 Qual=0 Ditch=443 Pereak.c/s-15 Qual=0 Ditch=443 Pereak.c/s-15 Pereak.c/s-42 Qual=0 Ditch=443 Pereak.c/s-43 Pereak.c/s-43 Ditch=443 Pereak.c/s-43 Pereak.c/s-43 Ditch=443 Pereak.c/s-43 Pereak.c/s-43 Ditch=443 Pereak.c	:0:12	20:26		HaClass=18 HaClass=1N Importance=M5	N31E38 N20E44 0ual=05		Mac.=CAO	Carr.Lon. Carr.Lon.	=274deg =268deg	H.Ang≕51deg H.Ang≕50deg
Mayelength=1375A   Exp #=82358   Rast=2056",2656" Step=5"   Pitch=4436"   Pitch=4437   Pitch=4436"   Pitch=4436"   Pitch=4437   Pitch=4437   Pitch=4436"   Pitch=4437   Pitch=4	0:46:25 0:46	20:47 20:46	20:48:4 20:58	Peakc/s=77 CaPeak.c/s=25	Qual=01 Qual= 5		MaxkeV=144 FePeak.c/s=13	#Peaks=1		XEN=901216
DOY=12   End times   S1E04   Pitch=+438", Yaw=+65", Roll=Odeg   Pitch=+438", Yaw=+65", Roll=Odeg   Poak	0:46			elength=137	er		Kast=0"x0" Rast=265"x265"	Step=0" Step=5"		1.024s/pixel ',Yaw=+79"
0.21:21:21 21:24:43 Peakc/s-49 Qual=00	= 10159 ,21:21 tart	i		Pointing	S31E04		Pitch=+438", Yav	v=+65", Roll	=0deg	H.Ang=27deg
DOY=12 End times Havelength=1375A  21:31  21:42 Cabeak.c/s=25 Qual=00 Feak=21:33 Febeak.c/s=15 Havelength=1375A Febeak=21:33 Febeak.c/s=15 Febeak.c/s=16 Febeak.c/s=16 Febeak.c/s=16 Febeak.c/s=16 Febeak.c/s=14 Febeak.c/s=15 Febeak.c/s=14 Febeak.c/s=14 Febeak.c/s=15 Febeak.c/s=14 Febeak.c/s=15 Febeak.c/s=14 Febeak.c/s=14 Febeak.c/s=15 Febeak.c/s=14 Febeak.c/s=14 Febeak.c/s=15 Febeak.c/s=14 Febeak.c/s=16 Feb	1:20:36 1:16	21:21:2	21:24:4	eakc/s=49 avelength=137		Tot Exp	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+477"	, Yaw=+78"
DOY=12 Peak 22:23 23:16	= 22261 21:31 tart 1:08 1:30		time	CaP	Qua]=00 Qua]= 1	FePeak=21:33 Exp #=82366	FePeak.c/s=15 Rast=0"x0" Rast=10"x10"		dt= 7.7s Cad=1.02s Pitch=+477"	XEN=90121 1.024s/pi , Yaw=+76"
22:23 23:16	22224 22:23 art	D0Y=12 Peak	li .							
DOY=12 Peak End times  22:51:44 22:51:55 Peakc/s=49 Qual=01 DOY=13 DOY=13 Peak End times  SMM Pointing: S31E04  DOY=13 Peak SMM Pointing: S31E03  DOY=13 Peak HaClass=SF S30E03 Peak HaClass=SF S30E03 O0:07:58 00:16:49 Peak SMM Pointing: S31E03 Peak HaClass=SF S30E03 AR5312 Macelength=1375A Mavelength=1375A Mavelength=1375A O0:23:15 00:25:24 Peakc/s=157 Qual=01 Doy=144 Peakc/s=157 Qual=01 Doy=150 Mavelength=1375A Doy=150 Doy=150 Doy=16 Peak S800/77 15400/140 Doi:23:15 00:25:24 Peakc/s=157 Qual=01 Doi:23:15 00:25:24 Peakc/s=157 Peakc/s=10163 Peakc/s=158 Peakc/s=158 Peakc/s=157 Peak	() ()	?	3:1	eak.c/s=42 k3c/s=-1 elength=137		FePeak=22:21 Exp #=82367	FePeak.c/s=14 Rast=240"x240" Rast=265"x265"			XEN=901218 1.024s/pixel ,Yaw=+67"
22:51:44 22:51:55 Peakc/s=49 Qual=01 Tot Cts=199 MaxkeV=102  By parkc/s=49 Qual=01 Tot Cts=199 MaxkeV=102  By pitch=+477",  By pitch=+497",  By pitch=+49	10160 2:51 rt	D0Y=12 Peak	±	Pointing	S31E04		Pitch=+438", Yaw	=+54", Roll=		H.Ang=27deg
DOY=13 Peak End times  HaClass=SF S30E03 DOY=13 DO:31 DI:30 Importance=M2 DO:07:58 00:16:49 PeakC/s=157 DO:07:58 00:16:40 PeakC/s=167 PeakC/	37	:51	:51:5	Peakc/s=49 Wavelength=1375A		Tot Cts=199 Exp #=82373	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+477"	, Yaw=+76"
DOY=13 Peak  HaClass=SF S30E03  O0:31 O1:30 Importance=M2 O0:00:7:58 00:16:49 Peakc/s=157 Oual=04 O0:07:58 00:16:49 Peakc/s=157 Oual=04 O0:07:58 00:16:49 Peakc/s=157 Oual=04 O0:23:15 00:25:24 Peakc/s=58 Oual=01 O1:30 Importance=M2 Oual=04 Oual=04 Oual=04 Importance=M2 Oual=04 Importance=M2 Oual=04 Importance=M2 Oual=04 Importance=M2 Oual=04 Importance=M2 Oual=04 Int Cts=13428 Importance=M2 Importance=M2 Oual=04 Int Cts=13428 Imaxev=144 Int Cts=1048 Imaxev=102 Int Cts=1048 Imaxev=102 Int Cts=1048 Imaxev=102 Int Cts=1048 Imaxev=102 Int Cts=404 Int Cts=404 Int Cts=404 Int Cts=404 Int Cts=407 Int Cts=404 Int Cts=407 Int Cts=404 Int Cts=407 Int Cts=407 Int Cts=404 Int Cts=407 Int Cts=407 Int Cts=404 Int Cts=404 Int Cts=404 Int Cts=404 Int Cts=407 Int Cts=404 Int Cts=407 Int Cts=404 Int Cts=407 Int Cts	10161				<b>-</b>	D0Y=1				
00:31 01:30		DOY=13 Peak	time	SMM Pointing:	S31E03		Pitch=+438",Yaw	=+48",Roll=		1.Ang=27deg
Peakc/s=157 Qual=01 Tot Cts=13428 MaxkeV=144 Wavelength=1375A Code=00 Exp #=82382 Rast=10"x10" Step=0" Pitch=+437", Yaw=+74" 8800/77 15400/140	:55	00:31	01:30	HaClass=SF Importance=M2	\$30E03 Qual=04	AR5312	Mac.=FKC	Carr.Lon.=		1.Ang=26deg
Peakc/s=58 Qual=01 Tot Cts=1048 MaxkeV=102 Wavelength=1375A Exp #=82380 Rast=10"x10" Step=0" Pitch=+417", yaw=+16" Peakc/s=51 Qual=01 Tot Cts=404 MaxkeV=102 Peakc/s=51 Qual=01 Tot Cts=404 MaxkeV=102 Wavelength=1375A Exp #=82384 Rast=10"x10" Step=0" Pitch=+497", yaw=+132"	:02:07 :23 requenc	00:07:58 y(MHz)/F1	00:16:49 ux(sfu):	Peakc/s=157 Wavelength=1375A 8800/77 15400/140	ual=01 ode=00	Tot Cts=13428 Exp #=82382	MaxkeV=144 Rast=10"x10"		Pitch=+437",	Yaw=+74"
00:41:02 00:41:21 Peakc/s=51 Qual=01 Tot Cts=404 Maxkev=102	21:55	00:23:15	00:25:24	Peakc/s=58 Wavelength=1375A	ociated pual=01 ociated	Event # = 10162 Tot Cts=1048 Exp #=82380 Fount # = 10163	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+417"	' Yaw=+1
	:40:06 :37	00:41:02	н	c/s=51 length=137	Qual=01	Tot Cts=404 Exp #=82384	MaxkeV=102 Rast=10"x10"	Step=0"	=	=

			C	ı	1
XEN=901300 ", Yaw=+132"	H.Ang=27deg H.Ang=36deg XEN=901301 1.024s/pixel ", Yaw=+47"	H.Ang=27deg H.Ang=30deg H.Ang=50deg XEN=901302 1.024s/pixel ", Yaw=-33"	H.Ang=27deg XEN=901303 1.024s/pixel '', Yaw=+90"	XEN=901304 1.024s/pixel ", Yaw=+99"	0deg H.Ang=27deg Pitch=+432", Yaw=+56"
dt= 7.7s ) Pitch=+497"	75 90s +477	=0deg H =26deg H =268deg H dt= 7.7s X Cad= 590s 1 Pitch=+492",	Odeg H  dt= 7.7s X  Cad=1.02s 1  Pitch=+432",	dt= 7.7s Cad= 590s Pitch=+477	=0deg  -odeg
#Peaks=1 Step=0"	,Yaw=+28",Roll=Odeg Carr.Lon.=283deg 20 #Peaks=1 dt= 7. 40" Step=10" Cad= 5 )" Step=0" Pitch=	,Yaw=+18",Roll=Odeg Carr.Lon.=301deg Carr.Lon.=268deg 385 #Peaks=2 dt= 7. 40" Step=10" Cad= 5	,Yaw=+6",Roll=Odeg 12 #Peaks=2 dt= Step=0" Cad " Step=10" Pit	#Peaks=1 Step=10" Step=0"	Flags=EN Step=10"
FePeak.c/s=10 Rast=10"x10"	Pitch=+438", Yaw Mac.=FKC MaxkeV=102 FePeak.c/s=20 Rast=240"x240" Rast=10"x10"	Pitch=+438", Yaw Mac.=FKC MaxkeV=320 FePeak.c/s=385 Rast=240"x240" Rast=10"x10"	Pitch=+438", Ya MaxkeV=102 FePeak.c/s=12 Rast=0"x0" Rast=30"x30"	FePeak.c/s=17 Rast=240"x240" Rast=10"x10"	Pitch=+438", Yaw=-18", Roll=Odeg MaxkeV=144 Flags=EN Rast=30"x30" Step=10" Pitc
Event # = 22225 FePeak=00:50 Exp #=82384	AR5312 Tot Cts=1177 FePeak=01:45 Exp #=82391	Class=1N S34E06 AR5312 Class=SF N29E39 AR5318 tance=M2 Qual=03 Tot Cts=34792 c/s=448 Qual=01 Tot Cts=34792 k.c/s=1304 Qual= 2 FePeak=03:55 ength=1375A Code=00 Exp #=82402	Tot Cts=328 FePeak=05:15 Exp #=82405	FePeak=06:50 Exp #=82414	Tot Cts=25720 Exp #=82421
Associated Qual= 5 5A	\$31E02 \$31E25 Qual=03 Qual=1 Qual= 1 Code=00	S31E01 S34E06 N29E39 Qual=03 Qual=2 Code=00	\$31W00 Qual=01 Qual=01 Qual= 1 Code=00	Qual=03 Qual= 3 Code=00	\$31W01 Qual=00 Qual=03
As CaPeak.c/s=39 Wavelength=1375A	SMM Pointing: HaClass=1N Importance=C9 Peakc/s=49 CaPeak.c/s=193 Wavelength=1375A	SMM Pointing: HaClass=1N HaClass=SF Importance=M2 Peakc/s=448 CaPeak.c/s=1304 Wavelength=1375A 2695/150 8800/29	SMM Pointing: Importance=C6 Peakc/s=45 CaPeak.c/s=107 Wavelength=1375A	Importance=C6 CaPeak.c/s=158 Wavelength=1375A	SMM Pointing: Peakc/s=315 Wavelength=1375A
00:51	End times 02:22 01:56:38 02:24	End times 04:59 03:57:04 03:57	End times 05:23 05:13:26 05:31	End times 07:42 07:05	End times 9 08:35:43
	DOY=13 Peak 02:03 01:55:05 01:48	**************************************	DOY=13 Peak 05:13 05:13:13	DOY=13 Peak 06:50 06:52	3 D0Y=13 Peak 5 08:32:09
00:50 00:37	# = 10164 13,02:03 Start 01:40 01:54:31 01:58	# = 10165 Start Pe Start Pe 11 03:50 03:49:17 03:48 Frequency(	# = 10167 /13,05:13 Start 05:09 05:12:27 04:47	# = 22226 /13,06:50 Start 06:26 06:26	# = 10168 /13,08:32 Start . 08:29:05
BCS UVSP	Event 89/01/ 0ptica GOES HXRBS BCS FCS UVSP	Event 89/01/ 0ptica 0ptica 60ES HXRBS BCS FCS UVSP Radio	Event 89/01/ 60ES HXRBS BCS FCS UVSP	Event 89/01, 80ES BCS FCS UVSP	Event 89/01/ GOES HXRBS UVSP

10:50	DOY=1: Peak	13	Fnd times	SMM Pointing:	S31W02		Pitch=+438", Yaw	, Yaw=-31", Roll	, Roll=Odeg	H.Ang=27deg
#avelength=2788A Cdee-01	10:21 10:10: 10:10:	'n	10:50 10:11:22 10:12:				Mac.=FKC MaxkeV=230 Feboat c/c_256	Carr.Lon Flags=SN	=309deg Ey, IS	H.Ang=27deg
CaPeak.c/s=1059 Qual= 5 FePeak=10.49 Rast=180"x1" Step=0" Cad=3840s Rast=180"x1" Step=0" Pitch++310s Rast=180"x1" Step=0" Pitch++310	1			Wavelength=278	Code=01	Exp #=82424		*reaks=1 Step=10" Step=0"	ut= /./s Cad= 590s Pitch=+317	XEN=901306 1.024s/pixel ",Yaw=+148"
SMM Pointing: S31W03  6 Peakc/s=67  6 Wavelength=2788A  6 Wavelength=2788A  6 Wal=004  6 Peakc/s=93  6 Wavelength=2788A	10:49		10:51	CaPeak.c/s=1059 Wavelength=2788	Associated Qual= 5	Event # = 22227   FePeak=10:49   Exp #=82425		#Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=3840s	XEN=901307 3840s/pixel
6 PeakC/s=67 Qual=00	DOY=13 Peak		1 7	SMM Pointing:	1 -		Pitch=+438", Yaw	=-43", Roll	=0deg	, Idw-1143 H.Ang=27deg
CaPeak.c/s=993 Qual=00  CaPeaks.c/s=193 Qual=0  Rast=240"x240" Step=10" Cad=590s 1.024s, Wawelength=2788A  Exp #=82426 Rast=180"x1" Step=0" Pitch=+317", Yaw=+11.024s, Pan=+1280"x1" Step=0" Pitch=+317", Yaw=+11.024s, Pan=+1280"x1" Step=0" Pitch=+317", Yaw=+11.024s, Pan=+1280"x1" Step=0" Pitch=+317", Yaw=+11.024s, Pan=1280"x1" Step=0" Pitch=+317", Yaw=+1180"x1" Step=0" Pitch=+317",	10:47	:36	10:48:	Peakc/s=67 Wavelength=2788A		Tot Cts=2009 Exp #=82425	MaxkeV=102 Rast=180"x1"	Flags=SN,E Step=0"	ES Pitch=+317	', Yaw=+143"
CaPeak.c/s=93 Qual=5 FePeak=11:16 FePeak.c/s=65 #Peaks=1 dt=7.75 XEN=900 Peak3.c./s=11 Wavelength=2788A Exp #=82426 Rast=240"x240" Step=0" Cad=590s 1.024s, Wavelength=2788A Exp #=82426 Rast=180"x1" Step=0" Pitch=+317", Yaw=+190"x240" Step=10" Cad=590s 1.024s, Wavelength=2788A Qual=04 Tot Cts=90701 MaxkeV=230 Flags=SN Espeaks.c/s=3357 Qual=05 FePeak.c/s=335 Qual=04 Tot Cts=90701 MaxkeV=230 Flags=SN Espeaks.c/s=3357 Qual=05 FePeak.c/s=330 Flags=SN Espeaks.c/s=3357 Qual=05 FePeak.c/s=330 Flags=SN Espeaks.c/s=3357 Qual=05 FePeak.c/s=330 Flags=SN Espeaks.c/s=3357 Qual=05 FePeak.c/s=592 FePeak.c/s=592 Fepeaks.c/s=592 Fepeaks.c/s=593 MaxkeV=102 Flags=SN Espeaks.c/s=100	DOY=1? Peak	<u>س</u>	End times							
SMM Pointing: S31W04  Pitch=+438", Yaw=-55", Roll=Odeg  HaClass=SF S33E23  HaClass=SF S33E23  HaClass=SF S33E23  From PeakC/s=864  Qual=02  GaPeakC/s=864  Qual=04  From From From From From From From From	11:16 11:21		:46	CaPeak.c/s=993 Peak3c/s=11 Wavelength=2788A	Qual= 5 Qual= 5	eak=11:16 #=82426	FePeak.c/s=65 Rast=240"x240" Rast=180"x1"		dt= 7.7s Cad= 590s Pitch=+317	XEN=901308 1.024s/pixel ', Yaw=+136"
HaClass=SF S33E23 AR5316 Mac.=HRX Carr.Lon.=280deg Importance=M9 Qual=02 Qual=02 CaPeak.c/s=864 Qual=02 CaPeak.c/s=876 #Peaks=1 dt= 7.7s CaPeak.c/s=357 Qual= 5 FePeak=12:52 Rast=300"x240" Step=15" Cad= 328s Havelength=2788A Exp #=82427 Rast=180"x1" Step=0" Pitch=+317 Peak.c/s=77 Qual=02 FePeak=12:26 FePeak.c/s=57 Qual=02 FePeak=12:26 FePeak.c/s=57 Qual=02 FePeak=13:19 FePeak.c/s=188 #Peaks=1 dt= 3.8s Pepeak.c/s=156 Qual= 5 FePeak=13:19 FePeak.c/s=188 #Peaks=1 dt= 7.7s Peak.c/s=77 Qual=02 Tot Cts=5993 Pexex Past=180"x1" Step=0" Pitch=+317" Step=0" Pitch=+317" Step=0" Pitch=+317" Peak.c/s=188 Peaks=1 dt= 7.7s Peak.c/s=186 Qual=01 Tot Cts=5993 Peaks=180"x1" Step=0" Pitch=+317" Peak.c/s=188 Peaks=1 dt= 7.7s Peak.c/s=188 Peaks=1 dt= 7.7s Peak.c/s=188 Peaks=1 dt= 7.7s Peak.c/s=188 Peaks=1 dt= 328s	DOY=1.	m	End times	Pointing	S31W04		Pitch=+438", Yaw=	55", Roll=	-Odeg	H.Ang=27deg
6 PeakC/s=864 Qual= 5 FePeak=12:52 FePeak.c/s=476 #Peaks=1 dt= 7.7s Rast=380"x240" Step=15" Cad= 328s Wavelength=2788A Exp #=82427 Rast=180"x1" Step=0" Pitch=+317 CaPeak.c/s=2073 Qual= 2 FePeak=12:26 FePeak.c/s=592 #Peaks=1 dt= 3.8s Rast=300"x240" Step=15" Cad= 328s Rast=180"x1" Step=0" Pitch=+317" CaPeak.c/s=156 Qual= 5 FePeak=13:19 FePeak.c/s=18 #Peaks=1 dt= 7.7s Rast=180"x1" Step=0" Pitch=+317" Step=0" Pitch=+317" Rast=180"x1" R	:42				\$33E23 0ual=02	AR5316	Mac.=HRX	Carr.Lon.=	-280deg	H.Ang=36deg
#avelength=27884	:26: :52	31	7:36		Qual=04 Qual= 5			Flags=SN,E #Peaks=1	= 7.7s	XEN=901310
CaPeak.c/s=2073 Qual= 2 FePeak=12:26 Rast=300"x240" Step=15" Cad= 3.28s  Associated Event # = 10172 Rast=300"x240" Step=15" Cad= 3.28s  Associated Event # = 10172 Rast=300"x240" Step=15" Cad= 3.28s  Wavelength=2788A Exp #82428 Rast=180"x1" Step=0" Pitch=+317" CaPeak.c/s=156 Qual= 5 FePeak=13:19 FePeak.c/s=18 #Peaks=1 dt= 7.7s  Wavelength=2788A Exp #=82428 Rast=180"x1" Step=0" Pitch=+317"	MHz)	/F1	ux(sfu):	Wavelength=2788A 410/1200 606/80 4		Exp #=82427		Step=15" Step=0"	d= 328s tch=+317	1.024s/pixel ,Yaw=+131"
13:00:20 Peakc/s=77 Qual=02 Tot Cts=5993 MaxkeV=102 Flags=SA Wavelength=2788A Event # = 10172 Flags=SA Wavelength=2788A Event # = 22229 FePeak.c/s=18 #Peaks=1 dt= 7.75 Flags=SA Wavelength=2788A Exp #=82428 Rast=180"x1" Step=0" Cad=3840s Rast=180"x1" Step=0" Cad=3840s Flags=SA Rast=180"x1" Step=0" Pitch=+317" End times    13:13:37   Peakc/s=47 Qual=01	12:26	1	12:28	ak.c/s=207	ssociated Qual= 2	Event # = FePeak=12	-			XEN=901309
20	12:54:21	21	:00:20	Peakc/s=77 Wavelength=2788	ssociated Qual=02	Event # = 10172 Tot Cts=5993 Exp #=82428	2	lep=15  Tags=SA step=0"	~	1.024s/plxe/ Yaw=+124"
Mavelength=2788A Exp #=82428 Rast=180"x1" Step=0" Cad=3840s	:19	•	3:20	CaPeak.c/s=156	sociated Qual≖ 5	Event # = 22229 FePeak=13:19	1	1	dt= 7.7s	XEN=901311
SMM Pointing: S31W04 Pitch=+438", Yaw=-55", Roll=Odeg  times Qual=00 Qual=00 Qual=01 Tot Cts=353 MaxkeV=102 Aavelength=2788A Exp #=82428 Rast=180"x1" Step=0" Pitch=+317"				avel		#=82428	Rast=0"x0" Rast=180"x1"	ep=0" ep=0"	Cad=3840s Pitch=+317"	3840s/pixel , Yaw=+124"
Qual=00 13:37 Peakc/s=47 Qual=01 Tot Cts=353 MaxkeV=102 Wavelength=2788A Exp #=82428 Rast=180"x1" Step=0"	D0Y=13 Peak		time	Pointing:	S31W04		Pitch=+438", Yaw=	-55", Roll=(	0deg	H.Ang=27deg
	13:12:2		:13:37	c/s=47 ength=2788A		Cts=353 #=82428	_		Pitch=+317"	, Yaw=+124"

XEN=901312 1.024s/pixel ', Yaw=+119"	XEN=901313 1.024s/pixel ", Yaw=+112"	H.Ang=27deg XEN=901314 1.024s/pixel ", Yaw=+139"	H.Ang=27deg ', Yaw=+132"	.Ang=27c .Ang=26c .Ang=56c .024s/p .024s/p	Yaw=-70" EN=901316 3840s/pixe Yaw=-69" EN=901317 .024s/pixe
dt= 3.8s X Cad= 590s 1 Pitch=+317",	dt= 7.7s Cad= 590s Pitch=+317	=0deg FS dt= 3.8s Cad= 328s Pitch=+315	=Odeg 	=0deg =307deg =248deg SN,EN dt= 7.7s dt= 7.7s Cad=1.02s Pitch=+430	Pitch=+475", dt= 7.7s X Cad=3840s Pitch=+440", dt= 3.8s X dt= 3.8s X Cad= 332s 1 Pitch=+443",
#Peaks=1 Step=10" Step=0"	#Peaks=1 Step=10" Step=0"	=-67", Rol] Flags=M5 #Peaks=1 Step=15" Step=0"	,Yaw=-48",Roll=Odeg " Step=0" Pitc	(=-59", Rol Carr.Lon Carr.Lon Flags=M5 #Peaks=1 Step=0" Step=0"	Step=0" #Peaks=1 Step=0" Step=0" Feaks=1 #Peaks=1 Step=10" Step=10"
FePeak.c/s=16 Rast=240"x240" Rast=180"x1"	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	Pitch=+438", Yaw MaxkeV=230 FePeak.c/s=111 Rast=300"x240" Rast=180"x1"	Pitch=+436", Yaw MaxkeV=102 Rast=180"x1"	Pitch=+438" Mac.=FKC MaxkeV=230 FePeak.c/s= Rast=0"x0" Rast=10"x10	Maxkev=102 Rast=10"x10" FePeak.c/s=10 Rast=0"x0" Rast=10"x10" FePeak.c/s=29 Rast=180"x180" Rast=180"x180"
FePeak=13:58 F Exp #=82429 F	FePeak=14:29 Exp #=82430	Tot Cts=23756 FePeak=15:29 Exp #=82431	Tot Cts=3610 Exp #=82432	AR5312 AR5321 Tot Cts=4.52E+5 FePeak=17:21 Exp #=82438	Event # = 10174 Tot Cts=289 Exp #=82445 Event # = 22232 Fepeak=17:59 Exp #=82442 Event # = 22233 Fepeak=18:37 Exp #=82443
Qual=00 Qual= 5 F	Qual=00 Qual= 5 F	S31W05 Qual=01 Qual=01 Qual= 1 Code=01	\$31W03 Qual=03 Qual=01 Code=02	\$31W04 \$30W07 \\17E52 \\2013\  = 03 \\2013\  = 1 \\2013\  = 1	ssociated Qual=01 ssociated Qual= 5 Ssociated Qual= 5
CaPeak.c/s=317 Wavelength=2788A	CaPeak.c/s=243 Wavelength=2788A	SMM Pointing: Importance=M2 Peakc/s=1338 CaPeak.c/s=766 Wavelength=2788A	SMM Pointing: Importance=M1 Peakc/s=134 Wavelength=2788A	SMM Pointing: HaClass=1N HaClass=SF Importance=M6 Peakc/s=937 CaPeak.c/s=3270 Wavelength=1375A 4995/64 8800/220	c/s=65 length=1375 ak.c/s=80 length=1375 ak.c/s=467
End times 14:08 C	End times 14:52 (	1 times 37 30:39 26 (sfu):	End times 16:33 16:16:53	End times 19:20 17:58:04 17:59	1001
DOY=13 Peak 13:59	00Y=13 Peak 14:30	= 10176 15:29 D0Y=13 tart Peak 5:27 15:29 15:29 5:27:30 15:27:50 15:55 5:29 15:31 16:51 5:17	DOY=13 Peak 16:16 16:13:57	DOY=13 Peak 17:36 17:14:54 17:25	17:59
22230 13:59 cart 3:54 3:48	t # = 22231 1/13,14:30 Start 14:23 14:45	t # = 10176 1/13,15:29 Start 15:27 S 15:27:30 15:29 15:29	# = 10177 /13,16:16 Start 16:10 16:13:24		
Event # 89/01/13, St GOES 13 FCS 13 UVSP 13	Event 89/01/ GOES BCS FCS UVSP	Event 89/01/ 60ES HXRBS BCS FCS UVSP Radio	Event 89/01/ GOES HXRBS UVSP	Event # 89/01/13 89/01/13 00tical 00tical 60ES 1 HXRBS 1 FCS 1 UVSP 1 UV	HXRBS HXRBS HXRBS UVSP FCS UVSP FCS FCS FCS

##Class=1M	Event # 89/01/1	# = 11424 13,19:30	4 D0Y=13			S31W05		Pitch=+436". Ye	.Yaw=-71" Roll	J≖Nden	M Ang = 27dog
Handle   H	•	2	e a	End time	S					ĥano.	n.Aily=2/ueg
19:28:24 19:30:18 19:31:51   Peak(x/s=65    Accessor   Peak(x/s=66    Accessor   Peak(x/s=66    Accessor   Peak(x/s=66    Accessor   Peak(x/s=66    Accessor   Accessor   Peak(x/s=66    Accessor   Accessor   Accessor   Accessor   Peak(x/s=66    Accessor	<i>.</i>	19:20	19:30	19:4	HaClass=1N HaClass=1F HaClass=SF Importance=M1			Mac.=FKC	Carr.Lon Carr.Lon Carr.Lon	.=309deg .=244deg .=269deg	H.Ang=28deg H.Ang=59deg H.Ang=40deg
19.18:32 19:19:14 19:19:06 PeakC/s=73 Qual=01 Tot Cts=813 Maxev=102  19.18:32 19:19:14 19:19:06 PeakC/s=73 Qual=01 Tot Cts=813 Maxev=102  19.18:32 19:19:14 19:19:06 PeakC/s=73 Qual=01 Tot Cts=813 Maxev=102  19.18:32 19:19:14 Peak times		19:28:2 19:20	4 19:30:1	8 19:31:5	Peakc/s=65 Wavelength=13	er.	Tot Cts=2 Exp #=824		<u>.</u> .		
1113.220145 DOY=13 Find times SMM Pointing: S31W06 Fitch=+436", Vaw=-83", Poll Start	•	19:18:3		4 19:19:2	Peakc/s=73	ď.	Event # = Tot Cts=8		1		7 1 1 1 2 1 3 1
Carlon.   HaClass=Fr   N18E55   A65315   Acc.=DAO   Carlon.	; / i	= 1142 3,20:15 Start	DOY=1 Peak	nd tim	SMM Pointing:	S31W06		_	-83	]=0deg	H.Ang=27deg
20:39 20:29 21:06 CaPeak(/s=70 Qual=1) Tepeak=20:55 FePeak=20:55 FePeak=20:55 FePeak=20:59 Rast=0'x0' Step=0'' Step=0	g g	20:12	20:15	21:11		N18E55 N31E15 Oual=01	AR5321 AR5315	Mac.=DA0	Carr.Lon	.=243deg .=283deg	H.Ang≖59deg H.Ang=38deg
20:12	SSSSS	0:45:5 0:09	20:46: 20:29	20:46:2 21:06		Qual=01 Qual= 1	s=339 =20:2	MaxkeV=102 FePeak.c/s=147	Flags= #Peaks	dt= 7.7s	XFN=Q01318
\$\frac{20:46:39}{20:39} 20:46:51 20:47:24		20:12	•	1	Wavelength=137	4 Code=00	Exp #=82454	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+450"	1.024s/pixel ",Yaw=-137"
## 11435  11/33,22:05  12:205  22:05  22:05  22:05  22:05  22:05  22:05  22:05  22:05  22:05  22:05  22:05  22:05  22:05  22:00  22:00  22:00  22:00  22:00  22:00  22:00  22:00  22:00  22:00  22:00  22:00  23:05		20:46:3 20:39	20:46:	20:47:2	Peakc/s=51 Wavelength=137	4550cidieu Qual=01	Event # = 1142 Tot Cts=292 Exp #=82458	MaxkeV=102 Rast=10"x10"	Flags=I Step=0"	 Pitch=+450"	", Yaw=-181"
\$ 21:51	ent ; /01/	= 114 3,22:0	D0Y=1	3 4	SMM Pointing	S31W07		i =	-95	=0dea	
22:00  23:16 23:26 23:16 23:26 23:16 23:26 23:16 23:20  Associated Event # = 22235 23:20  Associated Event # = 22235  Associated Event # = 22235 23:20  Associated Event # = 22235  Associated Event #			22:05 21:55:2 22:40	22:09:31 22:41	Importance=M2 Peakc/s=24 CaPeak.c/s=52	Qual=01 Qual=01 Qual= 5	Cts=48000 :ak=22:40	MaxkeV=102 FePeak,c/s=3	l ag	7 76	600 CT - 610 CT NO.
23:16 23:25 00:14 CaPeak.c/s=309 qual= 4 FePeak=23:21 FePeak.c/s=29 #Peaks=1		2:00	1	•	الإ		Exp #=82465	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=3840s Pitch=+481	.Yaw=-66"
23:20  #avelength=1375A  Exp #=82472  Rast=300"x240" Step=15"  Rast=10"x10" Step=0"  Start Peak  Exp #=82472  Rast=10"x10" Step=0"  Rast=10"x10" Step=15"  Rast=10"x10" Step=15"  Rast=2475  Rast=10"x10" Step=15"  Rast=240"x240" Step=10"  Rast=240"x240" Step=10"  Rast=240"x240" Step=10"  Rast=240"x240"  Rast=10"x10"  Rast=240"x240"  Rast=10"x10"  Rast=10"x10"  Rast=240"x240"  Rast=10"x10"  Rast=240"x240"  Rast=10"x10"  Rast=240"x240"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=10"x10"  Rast=2483  Rast=10"x10"  Rast=240"x240"  Rast=10"x10"  Rast=2483  Rast=10"x10"  Rast=240"x240"  Rast=10"x10"  Rast=2483  Rast=10"x10"  Rast=240"x240"  Rast=10"x10"  Rast=2483		3:16	23:25	00:14	CaPeak.c/s=309		Event # = 22235 FePeak=23:21	FePeak.c/s=29	 #Peaks=1		XFN=Q01321
t # = 10183 1/13.23:57		3:20			avelength=137		#=82472	Rast=300"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 328s Pitch=+481"	1.024s/pixel ,Yaw=-66"
\$ 23:56:48 23:57:21 23:57:53 Peakc/s=42 Qual=01 Tot Cts=281 MaxkeV=102 Step=0"	t  /#	= 1018 ,23:57 tart	DOY=1 Peak	nd time	i	S31W07		. =	.109"	]=0deg	H. Ang=27deg
1/14,01:19   DOY=14   SMM Pointing:   S31W08   Pitch=+437", Yaw=-119", Rol     Start   Peak   End times		3:56:4 3:46	23:57:2	3:57:5	eakc/s=42 avelength=1375	Qua]=00 Qua]=01	Cts=28I #=82476	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+481"	, Yaw=-70"
1/4,01:19	-					Η-	D0Y=1				
al HaClass=SF N21E27 AR5317 Mac.=CAO Carr.Lon. Qual=00 Qual=00 Maxkev=102 Qual=01 Tot Cts=200 Maxkev=102 APeaks=2 Qual= 4 FePeak=01:21 FePeak.c/s=7 #Peaks=2 O1:07 Wavelength=1375A Exp #=82483 Rast=10"x10" Step=10"	5		0Y=1 eak	time		S31W08	-	Pitch=+437",Yaw	-	1=0deg	H.Ang=28deg
<pre>01:1/:26 01:17:32 01:18:04 Peakc/s=52 Qual=01 Tot Cts=200 MaxkeV=102 00:51 01:19 01:47 CaPeak.c/s=54 Qual= 4 FePeak=01:21 FePeak.c/s=7 #Peaks=2 01:07 Wavelength=1375A Exp #=82483 Rast=10"x10" Step=10"</pre>		;	!		aClass=SF	N21E27 Oual=00	_	Mac.≖CAO	Carr.Lon.	=269deg	H.Ang=37deg
01:07 Wavelength=1375A Exp #=82483 Rast=240"x240" Step=10"		:17:2 :51	]:17: ]:19	1:18 1:47	eakc/s=52 aPeak.c/s=54		s=200 =01:21	MaxkeV=102 FePeak.c/s=7	#Peaks=2	dt= 7.7s	XEN=901400
O-data of the contract of the		1:07			٩٨			Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s Pitch=+501"	1.024s/pixel

Event # 89/01/1	Event # = 10180 89/01/14,01:46	D0Y=14		SMM Pointing:	S31W08		Pitch=+437", Yaw=	, Yaw=-119", Roll=Odeg		H.Ang=28deg
GOES HXRBS UVSP	Start 01:46:26 01:33		End times 01:46:57	Peakc/s=43 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=199 Exp #=82487	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+481",Yaw=-129	, Yaw=-129"
Event # 89/01/14 Optical GOES HXRBS FCS FCS	Event # = 10181 89/01/14,03:31 Start Optical GOES 02:08 HXRBS 02:57:00 BCS 02:30	DOY=14 Peak 03:31 03:08:54 03:12	es 9	SMM Pointing: HaClass=1N Importance=M6 Peakc/s=339 CaPeak.c/s=867	S31W09 S32W14 Qual=02 Qual=11 Qual= 1	51	Pitch=-138", Yaw= Mac.=FKC MaxkeV=230 FePeak.c/s=136 Rast=0"x0" Rast=10"x10"	,Yaw=-437",Roll=90deg Carr.Lon.=309deg Flags=M5,DG,ND 136 #Peaks=2 dt= 7. Step=0" Cad=1. Step=0" Pitch=	eg eg 7.7s 1.02s h=-222	H.Ang=28deg H.Ang=30deg XEN=901401 1.024s/pixel ", Yaw=-451"
Radio	Frequen	cy (MHz)/1	Frequency(MHz)/Flux(sfu):	2695/120 8800/310 15400/280	15400/28	. 01				
Event # 89/01/14 89/01/14 GOES HXRBS BCS FCS HXRBS UNSP	Event # = 10182 89/01/14,04:19 Start Optical GOES 04:05 HXRBS 04:06:42 BCS 04:09 FCS 04:19	DOY=14 Peak 04:19 04:13:43	s +	SMM Pointing: HaClass=28 Importance=X2 Peakc/s=5534 CaPeak.c/s=7366 Wavelength=1375A	S31W10 S32W10 Qual=03 Qual=04 Qual= 1 Code=02	AR5312 Tot Cts=3.09E+6 FePeak=04:16 Exp #=82501	Pitch=+439", Yaw= Mac.=FKC MaxkeV=518 FePeak.c/s=4249 Rast=0"x0" Rast=10"x10"	140", Rol Carr.Lon. Flags=M5, #Peaks=1 Step=0" Step=0"	9 .7s .02s =+456	H.Ang=28deg H.Ang=29deg XEN=901402 1.024s/pixel ', Yaw≖-224"
Radio Radio BCS UVSP	Sweeps Frequen 04:54 04:45	Type/ ncy(MHz)/ 04:54 Type/	Intensity: Flux(sfu):  04:55	11/1 1V/1 2695/50 8800/3  CaPeak.c/s=22 Wavelength=137	.5400/38 .ociated .ual= 5	event # = 22236 ePeak=04:54 exp #=82505	FePeak.c/s=2 Rast=10"x10"	#Peaks=1 Step=0"	dt= 7.7s XEN=901403 Pitch=+456", Yaw=-222"	XEN=901403 ', Yaw=-222"
RAGIO BCS FCS UVSP	05:44 05:44	05:47		CaPeak.c/s=268 Wavelength=1375A	Associated Qual= 5 5A	Event # = 22237 FePeak=05:47 Exp #=82508	FePeak.c/s=10 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 3.8s X Cad=1.02s 1 Pitch=+456",	XEN=901404 1.024s/pixel ", Yaw=-110"
Event 89/01/ 60ES BCS FCS UVSP	Event # = 22238 89/01/14,07:22 Start GOES BCS 07:22 FCS UVSP 07:20	8 D0Y=14 Peak 07:22	End times 08:01	CaPeak.c/s=42 Wavelength=1375A	Qual=00 Qual= 5	FePeak=07:23 Exp #=82517	FePeak.c/s=7 Rast=0"x0" Rast=10"x10"	#Peaks=2 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+456",	XEN=901405 1.024s/pixel ", Yaw=-232"
Event 89/01/ GOES HXRBS UVSP	Event # = 10184 89/01/14,07:42 Start GOES HXRBS 07:42:01 UVSP 07:34	4 DOY=14 Peak 1 07:42:38	End times 38 07:42:55	SMM Pointing: Peakc/s=60 Wavelength=1375A	\$31W12 Qual=00 Qual=01	Tot Cts=422 Exp #=82519	Pitch=+438", Yaw MaxkeV=102 Rast=10"x10"	,Yaw=-168",Roll=0deg )" Step=0" Pitch	]=0deg Pitch=+456	=0deg H.Ang=29deg Pitch=+456", Yaw=-224"
;										

89/01	89/01/14,09:13 Start	D0Y=14 Peak	End times	SMM Pointing:	S31W12		Pitch=+437",Ya	,Yaw=-178",Roll=Odeg	]=0deg	H.Ang=29deg
GOES HXRBS UVSP	09:13:39 08:55		09:13:44 09:13:50	Peakc/s=48 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=81 Exp #=82525	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=+444"	", Yaw=-167"
Event 89/01/ 60ES BCS FCS UVSP	Event # = 22239 89/01/14,09:31 Start GOES BCS 08:59 FCS 09:28	DOY=14 Peak 09:31	End times 09:36	CaPeak.c/s=139 Wavelength=2788A	Qua]=00 Qua]= 1	FePeak=09:30 Exp #=82526	FePeak.c/s=27 Rast=300"x240" Rast=180"x1"	#Peaks=2 Step=15" Step=0"	dt= 3.8s X Cad= 328s 1 Pitch=+317"	XEN=901406 1.024s/pixel
Event 89/01/ 60ES BCS FCS UVSP	Event # = 22240 89/01/14,11:03 89/01/14,11:03 60ES ECS 10:36 FCS UVSP 11:03	DOY=14 Peak 11:03	End times 11:09	CaPeak.c/s=43 Wavelength=2788A	Qual=00 Qual= 1	FePeak=11:03 Exp #=82528	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	1	dt= 7.7s Cad=1.02s Pitch=+317'	XEN=901419 1.024s/pixel ", Yaw=-11"
Event 89/01/ 60ES BCS FCS UVSP	Event # = 22241 89/01/14,12:40 Start GOES 12:40 ECS 12:40 FCS 12:35	DOY=14 Peak 12:40	End times 12:41	CaPeak.c/s=19 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=12:40 Exp #=82530	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+317",	XEN=901407 1.024s/pixel ", Yaw=-23"
Event 89/01/ 60ES BCS FCS UVSP Radio	Event # = 22242 89/01/14_13:21	DOY=14 Peak 13:21 Type/In :y(MHz)/F1	sa	CaPeak.c/s=41 Wavelength=2788A III/1 410/390	Qua]=00 Qua]= 1	FePeak=13:18 Exp #=82531	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+317"	XEN=901408 1.024s/pixel ", Yaw=-27"
Event # 89/01/11 0ptical GOES HXRBS HXRBS FCS FCS UVSP	Event # = 10186 89/01/14,13:56 Start Optical GOES 13:51 HXRBS 13:51:27 BCS 13:46 FCS 13:46 FCS 13:46 RAdio Frequency	00Y=14 Peak 13:56 13:56 13:56	S	SMM Pointing: S31W15  HaClass=SF S30W22 AR5312 Importance=M1 Qual=03 Peakc/s=1289 Qual=01 Tot Cts=248 CaPeak.c/s=493 Qual= 1 FePeak=13:5 Wavelength=2788A Exp #=82532 4995/230 8800/440 15400/640	S31W15 S30W22 Qual=03 Qual=01 Qual= 1	AR5312 Tot Cts=24851 FePeak=13:56 Exp #=82532	Pitch=+438", Yaw Mac.=FKC Maxkev=320 FePeak.c/s=91 Rast=240"x240" Rast=180"x1"	,Yaw=-213",Roll=Odeg Carr.Lon.=311deg Flags=M5 91 #Peaks=1 dt= 3.40" \$tep=10" Cad= 55	88 908 +317'	H.Ang=30deg H.Ang=33deg XEN=901409 1.024s/pixe1

= 22243 4,15:35 Start	D0Y=14 Peak	End times	HaClass=SF N	N22E20	AR5317	Mac.=CA0	Carr.Lon.=268deg		H.Ang≈33deg
GOES 14:52 BCS 14:52 FCS 15:43	15:35	15:41	oeak.c/s=33 velength=2788A		FePeak=15:35 Exp #=82534	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+316",	XEN=901410 1.024s/pixel ", Yaw=-46"
Event # = 22244 89/01/14,15:47 GOES BCS 15:46 FCS UVSP 15:43	00Y=14 Peak 15:47	End times 15:50	CaPeak.c/s=22 ( Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=15:46 Exp #=82534	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=3840s Pitch=+316"	XEN=901411 3840s/pixel ",Yaw=-46"
Event # = 10187 89/01/14,16:43 Start Optical GOES HXRBS 16:42:35 BCS 16:25 FCS 16:33	DOY=14 Peak 16:42:45 16:43 16:41	End times 16:43:09 17:23	SMM Pointing:  HaClass=SF  Peakc/s=125  CaPeak.c/s=55  Peak3c/s=2062  Wavelength=1375A	\$31#16 \\22E20 \\2ua1=00 \\2ua1=01 \\2ua1=1	AR5317 Tot Cts=874 FePeak=16:43 Exp #=82538	Pitch=+437", Yaw: Mac.=CA0 Maxkev=144 FePeak.c/s=8 Rast=240"x240" Rast=10"x10"	, yaw=-238", Roll=Odeg Carr.Lon.=267deg 8 #Peaks=2 dt= 7. 40" Step=10" Cad= 5. ". Step=0" Pitch=	.7s 590s =+476	H.Ang=31deg H.Ang=33deg XEN=901412 1.024s/pixel ", Yaw=-301"
Event # = 22245 89/01/14,18:34 0ptical GOES 18:34 FCS 18:29	DOY=14 Peak 18:34	End times 18:48	HaClass=SN CaPeak.c/s=19 Wavelength=1375A	N17E42 Qua1=00 Qua1= 4	AR5321 FePeak=18:39 Exp #=82550	Mac.=EKI FePeak.c/s=12 Rast=0"x0" Rast=10"x10"	Carr.Lon. #Peaks=1 Step=0" Step=0"	=244deg dt= 7.7s Cad=1.02s Pitch=+486	H.Ang=47deg XEN=901413 1.024s/pixel '', Yaw=-235"
Event # = 10188 89/01/14,19:48 Start Optical GOES 19:40 HXRBS 19:40:02 BCS 19:33 FCS UVSP 19:37 Radio Frequence	= 10188 Start Peak End timm 19:40 19:48 20:22 19:40:02 19:42:44 19:46:1 19:33 19:39 20:30 19:37 Frequency (MHz)/Flux(sfu)	End times 20:22 4 19:46:19 20:30 Flux(sfu):	SMM Pointing: HaClass=1N Importance=C8 Peakc/s=108 CaPeak.c/s=33 Wavelength=1375A 4995/79	\$31\text{W18} N17E44 Qual=01 Qual=01 Qual=4 Code=00	AR5321 Tot Cts=6834 FePeak=19:33 Exp #=82555	Pitch=+438", Yaw Mac.=EKI MaxkeV=102 FePeak.c/s=14 Rast=0"x0" Rast=10"x10"	, yaw=-259", Roll=Odeg Carr.Lon.=242deg 14 #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s +442	H.Ang=31deg H.Ang=49deg XEN=901414 1.024s/pixel '', Yaw=-188"
Event # = 10189 89/01/14,21:11 Start Optical GOES HXRBS 21:10:51 UVSP 21:09	DOY=14 Peak 21:11:2	End times 5 21:15:08	SMM Pointing: HaClass=SF Peakc/s=92 Wavelength=1375A	\$31W19 N22E17 Qual=00 Qual=01	AR5317 Tot Cts=3896 Exp #=82564	Pitch=+438", Yav Mac.=CA0 MaxkeV=144 Rast=10"x10"	,yaw=-270",Rol Carr.Lon. Step=0"	270", Roll=Odeg arr.Lon.=268deg b tep=0" Pitch=+452"	H.Ang=32deg H.Ang=31deg 2", Yaw=-245"

###	Event # = 10190 89/01/14,21:48 DOY=14 Start Peak		End times	SMM Pointing:			Pitch=+438", Yaw	, Yaw=-270", Ro	, Roll=Odeg	H.Ang=32deg
# Gabeak.c/s=1530 qual=1   Febeak=21.46   Febeak.c/s=553 #Peaks.2 dt=7.75	21:48	LC		HaClass≂SF Importance=M2 Deat		AR5312	Mac.=FKC	Carr.Lon	•=308deg	.Ang=35d
CaPeak.c/s=62 Qual=05 Exp #=82570 Rast=10"x10" Step=0" Pitch=+442 Rast=0"x0" Step=0" Pitch=+4438", Vaw=-282", Roll=0deg Rast=10"x10" Step=0" Pitch=+4438", Vaw=-282", Roll=0deg Rast=300"x40" Step=15" Ditch=+4438", Vaw=-282", Roll=0deg Rast=300"x40" Step=15" Ditch=+4438", Vaw=-282", Roll=0deg Rast=300"x40" Step=15" Ditch=+4422", Rast=300"x40" Step=15" Ditch=+4422", Rast=300"x40" Step=15" Ditch=+4422", Rast=300"x40" Step=10" Ditch=+422", Rast=300"x40" Step=10" Ditch=+4422", Rast=300"x40" Step=10" Ditch=+422", Rast=300"x40" Step=10" Ditch=+422", Rast=300"x40" Step=10" Ditch=+422", Rast=300"x40" Step=10" Ditch=+422", Rast=300"x40" Step=10" Ditch=+432", Rast=300"x40" Step=10" Ditch=+438", Rast=300"x40" Step=10" Ditch=+438", Rast=300"x40" Step=10" Ditch=+438", Rast=300"x40" Step=10" Ditch=+4383", Rast=300"x40"	21:47	,	-	CaPeak.c/s=1602   CaPeak.c/s=1535   Wavelength=1375A		lot Cts=59141 FePeak=21:46 Exp #=82568	MaxkeV=230 FePeak.c/s=553 Rast=240"x240" Rast=10"x10"			XEN=901415 1.024s/pixel "Yaw=248"
times  HaClass=18	22:04	' ' '	2:05	CaPeak.c/s=62 Wavelength=13	(sociated	Event # = 22246 FePeak=22:04 Exp #=82570	FePeak.c/s=6 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Sten=0"	dt= 7.7s Cad=3840s Di+ch=+442	XEN=901416 3840s/pixel
HaClass=18 S24W26 AR5312 Arc.=FKC Carr.Lon.=310deg Garr.Lon.=286deg Garr.Lon.=286deg Garr.Lon.=286deg Garr.Con.=286deg Garr.Con.End.Con.	DOY=14 Peak		de i	Pointing	S31W20		Pitch=+438", Yaw	=-282", Rol	]=0deq	, .ar - 320 H. Ana=32dea
51:44 Peakc/s=653 Qual=02				HaClass=1B HaClass=SF Importance=x1	\$24W26 \$31W02 0.131-03	AR5312 AR5316	Mac.=FKC	Carr.Lon. Carr.Lon.	=310deg =286deg	H.Ang=32deg H.Ang=26deg
#avelength=1375A Code=00 Exp #=82571 Rast=265"x265" Step=5" Cad= 338s	22:39:39 2 22:43 2		: 44	Peakc/s=653 CaPeak.c/s=5603	Qual=02 Qual= 1	÷.	MaxkeV=144 FePeak.c/s=1649	Flags=I, #Peaks=1	z	XEN=901417
### Sociated Event # = 22247    CaPeak.c/s=493	22:40 Frequency(MHz)/Flux(	.≓	sfu)	Wavelength=1375A 15400/180			Rast=300"x240" Rast=265"x265"	Step=15" Step=5"		1.024s/pixel ', Yaw=-269"
#avelength=1375A	23:35	1	37	ak.c/s=493	Ssociated Qual= 1	Event # = 22247 FePeak=23:36			dt= 7.7s	XEN=001/18
# SMM Pointing: \$31W20				avelength=1375		6			Cad= 590s Pitch=+443	1.024s/pixel ',Yaw=-381"
#avelength=1375A	Event # = 11428 89/01/14,22:55 DOY=14 Start Peak	_	1	Pointing	S31W20		Pitch=+438", Yaw	282", Rol	]=0deg	H.Ang=32deg
d times HaClass=SF	22:55:11		:55:5	c/s=50  ength=1375A	Qual=00 Qual=01	Cts=281 #=82573	MaxkeV=102 Rast=10"x10"	Flags=I Step=0"	Pitch=+422"	, Уам=
d times  HaClass=SF		1			89/01/15	D0Y=1				
### ### ### ### ### ### ### #### #### ####	DOY=15 Peak		times		!					
d times    Qual=00	00:44	00	:30		S17₩48 Qua]=03			<i>-</i> :	=331deg	H.Ang=49deg
d times Qual=00 Qual=5 FePeak=01:52 FePeak.c/s=14 #Peaks=1 dt= 3.8s Rast=0"x0" Step=0" Cad=1.02s Wavelength=1375A Exp #=82591 Rast=10"x10" Step=0" Pitch=+483	0	5	71:	5A		ak=00:44 #=82586			<del>-</del>	XEN=901500 1.024s/pixel ,Yaw=-296"
.44 CaPeak.c/s=75 Qual= 5 FePeak=01:52 FePeak.c/s=14 #Peaks=1 dt= 3.8s Rast=0"x0" Step=0" Cad=1.02s Wavelength=1375A Exp #=82591 Rast=10"x10" Step=0" Pitch=+483"	00Y=15 Peak Er	<u> </u>	time							
Rast=0"x0" Step=0" Cad=1.02s Exp #=82591 Rast=10"x10" Step=0" Pitch=+483	01:54 02	8	7.	k.c/s=75			**	_	dt= 3.8s	XEN=901501
				elength=137		-82591			Cad=1.02s Pitch=+483"	1.024s/pixel ,Yaw=-304"

bə	=	eg 22 32		leg	03 i.xel 7"	deg	deg	=		21"	geg	19"
H.Ang=34deg	", Yaw=-347	H.Ang=34deg XEN=901502	", Yaw=-310"	H.Ang=32deg	xEN=901503 1.024s/pixel 1", Yaw=-417"	H.Ang=34deg	H.Ang=36deg	4", Yaw=-421		dt= 7.7s XEN=901504 Pitch=+424", Yaw=-421"	H.Ang=36deg	Pitch=+448", Yaw=-349"
, Roll=Odeg	Pitch=+493", Yaw=-347	=0deg  dt= 7.7s	Pitch=+433	=299deg	dt= 3.8s Cad=1.02s Pitch=+424"	, Roll=Odeg	=268deg	Pitch=+424"		1	11=0deg	Pitch=+44
, Yaw=-316", Roll	Step=0"		Step=10 Step=0"	Carr.Lon.=299deg	#Peaks=1 Step=0" Step=10"	, Yaw=-327", Rol	Carr.Lon.=268deg	Step=10"		#Peaks=1 Step=10"	IW=-362", Ro	Step=3"
Pitch=+439", Yaw	MaxkeV=102 Rast=10"x10"	Pitch=+439", Yaw MaxkeV=187 FePeak.c/5=49	Rast=240"x240" Rast=10"x10" MaxkeV=102	Mac.=FKC	FePeak.c/s=89 Rast=0"x0" Rast=30"x30"	Pitch=+440", Ya	Mac.=AXX	MaxkeV=102 Rast=30"x30"		FePeak.c/s=2 Rast=30"x30"	Pitch=+441",Yaw=-362",Roll=Odeg	MaxkeV=144 Rast=243"x243"
	Tot Cts=382 Exp #=82602	Tot Cts=1327 FePeak=04:15	Exp #=82606 Event # = 10192 Tot Cts=88	AR5312	FePeak=05:09 Exp #=82609		AR5318	Tot Cts=487 Exp #=82611		FePeak=05:52 Exp #=82611		Tot Cts=233 Exp #=82627
S31W22	Qual=04 Qual=01 Code=00	\$31W22 Qual=01 Qual=01 Qual= 2	Code=00 Sociated Qual=01	S31W19		S31W23	N29E12	Qual=00 Qual=01		Qual=00 Qual= 5 A	S31W26	Qual=00 Qual=01 A
SMM Pointing:	Importance=Ml Peakc/s=48 Wavelength=1375A	SMM Pointing: Importance=M1 Peakc/s=165	ength=1375	N/= 22C[] KH	Importance=M2 CaPeak.c/s=762 Wavelength=1375A	SMM Pointing:	•	Peakc/s=57 Wavelength=1375A		CaPeak.c/s=32 Wavelength=1375A	SMM Pointing:	Peakc/s=78 Wavelength=2788
	End times 03:57 I 03:46:54 P	End times 04:18 04:15:28	sity: 13:12	End times	05:37 05:52		End times	1 05:40:45	End times	05:53	0 E	2: 60
D0Y=15	Peak 03:47 03:46:26	00Y=15 beak 04:14 04:15:00	2 ' 2	00Y=15 Peak	05:06 05:09		Peak	5 05:40:04	1 D0Y=15 Peak		5 00Y=15	_
# = 10191		t # = 10193 1/15,04:14 [ Start 04:08 S 04:14:38 (	04:08 Sweeps 	t # = 22250 1/15,05:06 Start	04:58 05:06 05:05	t = 10194	Start Start	05:39:16 05:37	t # = 22251 1/15,05:52 Start	05:52 05:37	# = 1019 '15,09:59	start 09:59:06 09:52
Event 4	OES XRBS VSP	Event 89/01/ GOES HXRBS	FCS UVSP Radio 	Event 89/01/	Optical GOES BCS FCS UVSP	Event	Optica	GOES HXRBS UVSP	Event 89/01/	GOES BCS UVSP	Event 89/01/	GOES HXRBS UVSP

207	114 1 1141										
89/01/15	1/15,11:50 Start	5 D0Y≖15 Deat		SMM Pointing:	S31W26		Pitch=+441" Ya	Yaw=-372" Do.	Poll=Odes	1 Ann 2640	
Optic	`~	רמא	End times	S U2 C12.2.	0		•	N . 1/2	fano-i-	n.Ang=sodeg	
GOES	11:47	11:50	11:55		532W26 Qual=01		Mac.=FKC	Carr.Lon.=303deg	•=303deg	H.Ang=37deg	
UVSP UVSP Radio	12:00 12:00 Frequer	o 11:49:4 ocy (MHz)/.	Մ 11:51 Flux(sf	T 3E (V)	Qual=01	Tot Cts=2760 Exp #=82630	MaxkeV=187 Rast=180"x1"	Flags≖I Step=0"	Pitch=+320"	0", Yaw=-192"	
. 22	11:45:34	11:46:1	5 11:46:35	Peakc/s=47	Associated Qual=01	Event # = 1151 Tot Cts=445	4	Flags=I	; ; ;	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
89/01,	t # = 22252 1/15,12:45 Start	DOY=15 Peak	End times								
BCS FCS UVSP	12:43 12:33	12:45	12:50	CaPeak.c/s=168 Wavelength=2788A	Qual= 5 Qual= 5	FePeak=12:45 Exp #=82631	FePeak.c/s=12 Rast=300"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 328s Pi+ch=+321	XEN=901505 1.024s/pixel	
Event 89/01	Event # = 22253 89/01/15,13:02	D0Y=15			The state of the s						ĺ
Optical Optical GOES	Start al al 12:58	Pea 13:	End times 13:38	HaClass=SF HaClass=SF Importance=Ml	\$31W30 N21E05 Oual=05	AR5312 AR5317	Mac.=FKC	Carr.Lon.	.=306deg .=271deg	H.Ang=39deg H.Ang≈26deg	
ECS UVSP	.2:3	13:08	3:40	CaPeak.c/s=200 Wavelength=2788A	Qual= 1	FePeak=13:08 Exp #=82631	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=+321	^¬-	
Event	# = 22254							> d	176 1991.	, aw.	
89/01, GOES BCS FCS	5000	DOY=15 Peak 14:24 14:25	End times 14:32 15:14	Importance=C6 CaPeak.c/s=129	Qual=01 Qual= 2	FePeak=14:24	FePeak.c/s=22	#Peaks=1	dt= 3.8s	XEN=901507	1
UVSP Radio		4:06 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=2788A 245/140	Code=01	Exp #=82633	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s 1 Pitch=+320",	1.024s/pixel ", Yaw=-205"	
Event 89/01/	#5.	DOY=15 Peak	es es	Pointing:	S31W28		Pitch=+441", Yaw	, Yaw=-395", Roll	,Roll=Odeg	H.Ang=37deg	1
GOES GOES HXRBS GRS	15:46 15:48:35 15:49:00	15:51 15:50:11	16:15 15:54:54	HaClass=1B Importance=M5 Peakc/s=887	\$31 <b>W</b> 36 Qual=01 Qual=01	AR5312 Tot Cts=41600	Mac.=FKC MaxkeV=320	Carr.Lon.=311deg Flags=M5.I		H.Ang≃43deg	
BCS FCS UVSP	15:50	15:52	6:20	CaPeak.c/s=2166 Wavelength=1375A	Qual= 1 Code=02	FePeak=15:52 Exp #=82636	FePeak.c/s=478 Rast=240"x240" Rast=265"		dt= 3.8s x Cad= 590s 1	Dur=180sec XEN=901508 1.024s/pixel	
$\sim$	53	16:06:47	16:07:04	/ >eakc/s=1267 /avelength=1375/	Associated   Qual=01			•		, TdW=-389" 	
. 803 . 273	16:20 ]	16:32	16:48 (	CaPeak.c/s=176 (	Associated (Qual= 1 )	Event # = 22255 FePeak=16:31	•	_	r:cc=+430',	Taw=-50/	
UVSP	16:25		<u>.s</u>	Wavelength=1375A			Rast=240"x240" Rast=10"x10"		Cad= 590s 1 Pitch=+490".		

Event # = 89/01/15,1 Sta 60ES 17: BCS 17: UVSP 17:		DOY=15 Peak 17:33 17:34 17:37	End times 17:40 18:21	Importance=C7 CaPeak.c/s=141 Peak3.c/s=516 Wavelength=1375A	Qual=01 Qual= 1 Code=00	FePeak=17:25 Exp #=82646	FePeak.c/s=12 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=+486",	XEN=901510 1.024s/pixel ", Yaw=-427"
Event # = 89/01/15,1 Sta Optical Optical BCS 19: FCS UVSP 19:	= 22257 1, 19:41 1, 19:41 1, 19:41 19:25 19:40	DOY=15 Peak 19:41 19:40	End times 19:50 19:55	HaClass=SF Importance=C7 CaPeak.c/s=310 Wavelength=1375A	\$31¥30 Qual=03 Qual= 3 Code=00	AR5312 FePeak=19:39 Exp #=82661	Mac.=FKC FePeak.c/s=33 Rast=240"x240" Rast=10"x10"	Carr.Lon.=302deg #Peaks=1 dt= 7. Step=10" Cad= 5 Step=0" Pitch=	7s 90s +428	H.Ang=39deg XEN=901511 1.024s/pixel ',Yaw=-432"
Event # = 10 89/01/15,20 Star Optical GOES 20:31 HXRBS 20:31 FCS 20:31 FCS 20:31	338 338 338 338 338	DOY=15 Peak 20:38 20:35:22 20:39	End times 21:03 20:46:46 21:29	SMM Pointing: HaClass=SF Importance=M1 Peakc/s=61 CaPeak.c/s=419 Wavelength=1375A	\$31W35 \$31W30 Qual=01 Qual=1 Qual= 1 Code=00	AR5312 Tot Cts=3842 FePeak=20:39 Exp #=82664	Pitch=+445", Yaw Mac.=FKC MaxkeV=144 FePeak.c/s=45 Rast=180"x180" Rast=10"x10"	,Yaw=-475",Roll=Odeg Carr.Lon.=302deg 45 #Peaks=1 dt= 7. 80" Step=10" Cad= 3 ". Step=0" Pitch=	7s 32s +464	H.Ang=42deg H.Ang=39deg XEN=901512 1.024s/pixel ", Yaw=-447"
Event # = 89/01/15,2 Sta 60ES 21: HXRBS 21: UVSP 21:	= 10196 5,21:17 Start 21:15 21:15:31	DOY=15 Peak 21:17 21:16:05	End times 21:50 21:17:07	SMM Pointing: Importance=C7 Peakc/s=119 Wavelength=1375A	\$31\#35 Qual=03 Qual=01 Code=00	Tot Cts=3006 Exp #=82670	Pitch=+445",Yaw=-475",Roll=0deg MaxkeV=102 Rast=10"x10" Step=0" Pitch	=-475",Rol Step=0"	l=0deg H.Ang=42d Pitch=+444",Yaw=-492	H.Ang=42deg ",Yaw=-492"
Event # = 89/01/15,6 84 00tical Step 60ES 22: HXRBS 22: FCS FCS UVSP 22:	10198 22:19 art :13:16:31 :04	DOY=15 Peak 22:19 22:18:42 22:20	End times 22:29 22:18:49 22:38	SMM Pointing: HaClass=SF Importance=C4 Peakc/s=52 CaPeak.c/s=32 Wavelength=1375A	S31W35 N20E30 Qual=01 Qual=1 Qual= 1	AR5321 Tot Cts=407 FePeak=22:05 Exp #=82673	Pitch=+445", Yaw Mac.=EA0 MaxkeV=144 FePeak.c/s=18 Rast=10"x10" Rast=10"x10"	, Yaw=-485", Roll=Odeg Carr.Lon.=241deg 18 #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	l=Odeg H =241deg H dt= 7.7s X Cad=1.02s 1 Pitch=+499",	H.Ang=42deg H.Ang=38deg XEN=901513 1.024s/pixel ", Yaw=-383"
Event # = 89/01/15,2 60ES 5ta BCS 22: FCS 22:	= 22258 5,22:44 Start 22:43	DOY=15 Peak 22:44	End times 23:00	CaPeak.c/s=18 Wavelength=1375A	Qual=00 Qual= 4	FePeak=22:51 Exp #=82677	FePeak.c/s=16 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+439",	XEN=901514 1.024s/pixel ", Yaw=-405"

89/01/15,23:40 Start GOES BCS 23:40 FCS UVSP 23:37	2259 ::40 DOY=15 rt Peak 0 23:40	End times 00:37	CaPeak.c/s=48 ⊌avelenqth=1375A	Qual=00 Qual= 5	FePeak=23:40 Exp #=82680	FePeak.c/s=13 Rast=300"x240" Rast=265"x265"	#Peaks=1 Step=15" Sten=5"	dt= 3.8s (ad= 328s pi+rh=+453	XEN=901515 1.024s/pixe
				89/01/1	9				
Event # = 22250 89/01/16,01:25 Start Optical GOES 01:18 BCS 01:17	25 DGY=16 25 Peak 01:25 01:24	End times 01:28 02:09	HaClass=SN Importance=C2 CaPeak.c/s=40	530₩10 Qual=01 Qual= 1	AR5316 FePeak=01:24	Mac.=CRO FePeak.c/s=11	Carr.Lon. #Peaks=2	H	
01:18			Wavelength=1375A	Code=00	Exp #=82691	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s Pitch=-514	1.024s/pixe ", Yaw=-441"
Event # = 10201 89/01/16,03:28 Start	201 28 DOY=16 Peak	End times	SMM Pointing:	S31W38		47"	, Yaw=-512", Ro	, Roll=Odeg	H.Ang=44deg
G0ES 03:09 HXRBS 03:21:47 BCS 02:53	03:28 03:25:1 03:26	04:20 5 03:28:22 03:44	HdClass=2B Importance=M2 Peakc/s=1422 CaPeak.c/s=913	531#40 Qual=03 Qual=01 Qual= 1	AR5312 Tot Cts=36591 FePeak=03:26	Mac.=FKC MaxkeV=320 FePeak.c/s=216			H.Ang=46deg XEN=901601
rus UVSP 03:18 Radio Frequ	03:18 Frequency(MHz)/Flux(sfu)	•• •	Wavelength=1375A Code=00 Exp #=82704 606/840 2695/52 4995/65 8800/190 15400/240	Code=00 4995/65 8	Exp #=82704 300/190_15400/24(	Rast=240"x240" Rast=10"x10" 0		Cad= 590s Pitch=+486"	1.024s/pixel ',Yaw=-469"
•	53 03:18:12 03	03:18:31	Peakc/s=409 Wavelength=1375A	Qual=01	Event # = 10199 Tot Cts=3284 Exp #=82703	4axkeV=230 8ast=150"x150	Flags=M Step=10	 tch=+44	 w=-52
HXRBS 03:19:03	03 03:19:09	)3:19:49	akc/s=48	Associated Qual=01	Event # = 10200 Tot Cts=286	MaxkeV=102	! ! !	1 1 1 1	1 1 1 1 1
Event # = 10202 89/01/16,04:55 Start	02 5 DOY=16 Peak	End times		S31W39		47"	, Yaw=-522", Rol	, Roll=Odeg	H.Ang=45deg
Optical GOES 04:53 HXRBS 04:52: BCS 04:32	04:55 :54 04:53:43 04:59	05:06 04:54:05 05:17	HaClass=SN Importance=C6 Peakc/s=155 CaPeak.c/s=159	N22W03 Qual=01 Qual=01 Qual= 1	AR5317 Tot Cts=1776 FePeak=04:56	Mac.=DKI MaxkeV=144 FePeak.c/s=17	Carr.Lon.=270deg #Peaks=2 dt= 7.	7s	H.Ang=27deg XEN=901602
0	4:43 Frequency(MHz)/Flux(sfu)	••	Wavelength=1375A 8800/76	Code=00	Exp #=82711	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+477"	1.024s/pixel ',Yaw=-493"
Event # = 20516 89/01/16,04:59 [ Start F	16 9 DOY=16 Peak	End times		C this section.					
04:32	04:59	05:17	CaPeak.c/s=159	Qual=00 Qual= 1	FePeak=04:56	FePeak.c/s=17	#Peaks=2	dt= 7.7s	XEN=901602
04:56			Wavelength=1375A		Exp #=82713	Rast=10"x10"	Step=0"	cad=1.02s Pitch=+477"	1.U245/plxel ",Yaw=-494"

Event # 89/01/1	Event # = 10203 89/01/16,05:09	D0Y=16		SMM Pointing:	S31W39		Pitch=+447",Yaw∍	, Yaw=-522", Roll	, Roll=Odeg	H.Ang=45deg
GOES HXRBS UVSP	Start 05:09:16 05:09	Peak 05:09:18	End times 05:09:21	Peakc/s=149 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=225 Exp #=82715	MaxkeV=144 Rast=10"x10"	Step=0"	pitch=+477",Yaw=-495	, Үам=-495"
Event # 89/01/1	Event # = 10204 89/01/16,06:31	D0Y=16		SMM Pointing:	S31W39		Pitch=+448", Yaw	, Yaw=-532", Roll	, Roll=Odeg	H.Ang=45deg
Optical	Start	Peak	End times	HaClass=1N	S31W37	AR5312	Mac.=FKC	Carr.Lon.*304deg	=304deg	H.Ang=44deg
GÓES HXRBS BCS	06:21 06:19:52 06:50	06:31 06:22:04 06:50	07:00 06:38:14 06:51	Importance=Ml Peakc/s=669 CaPeak.c/s=43	Qual=03 Qual=01 Qual= 5	Tot Cts=43293 FePeak=06:50	MaxkeV=274 FePeak.c/s=6 Dast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Xi Cad= 590s 1	XEN=901604 1.024s/pixel
FCS UVSP Radio		ıcy (MHz)/	06:28 Frequency(MHz)/Flux(sfu):	Wavelength=1375A Code=00 8800/190 15400/440	Code=00 40	Exp #=82720	Rast=10"x10"	Step=0"	Pitch=+442	', Yaw=-503"
Event #	Event # = 10205 89/01/16,07:40	5 D0Y=16		SMM Pointing:	S31W40		Pitch=+449", Yaw	, Yaw=-542", Rol	, Roll=Odeg	H.Ang=46deg
Optica Optica	Start	Peak	End times	HaClass=SF HaClass=SF	S16W64 N19E23	AR5311 AR5321	Mac.=CS0	Carr.Lon.=330deg Carr.Lon.=243deg	=330deg =243deg	H.Ang=64deg H.Ang=33deg
GOES HXRBS BCS	07:29 07:46:55 07:45	07:40 5 07:47:15 07:52	08:15 07:47:43 08:25	Importance=C6 Peakc/s=71 CaPeak.c/s=136	Qual=05 Qual=01 Qual= 4	Tot Cts=383 FePeak=07:52	MaxkeV=102 FePeak.c/s=12	#Peaks=1 C+on=10"	dt= 3.8s	XEN=901605
FCS UVSP	07:41			Wavelength=1375A	Code=02	Exp #=82724	Rast=265"x265"		Pitch=+45	6", Yaw=-528"
Event 89/01/	Event # = 10207 89/01/16.09:21	7 D0Y=16		SMM Pointing:	S31W41		Pitch=+450", Yaw	, Yaw=-552", Rol	,Roll=Odeg	H.Ang=47deg
Optica	Start		End times		\$30M37	AR5312	Mac.=FKC	Carr.Lon.=302deg	=302deg	H.Ang=43deg
GOES GOES HXRBS UVSP	09:00 09:31:25 ( 09:18	09:21 5 09:32:0	00	Importance=M2 Peakc/s=48 Wayelength=2788/	Qual=05 Qual=01 A Code=00	Tot Cts=459 Exp #=82734	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=+457"	", Үаw=-538"
Radio Radio	Sweeps Frequency 	Typ (MHz 19:26	weeps Type/Intensity: Frequency(MHz)/Flux(sfu): 	11/2 4995/85 8800/56 19 Ass Peakc/s=52	5 15400/130 Associated Qual=01	Event # = 10206 Tot Cts=448		1 1	1 1 1	1
Event 89/01/	t # = 22262 1/16,10:35 Start	.2 D0Y=16 Peak	End times		00-1					
GOES BCS	10:35	10:35	10:37	CaPeak.c/s=45	Qual= 5	FePeak=10:35	FePeak.c/s=4 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s X Cad=3840s	XEN=901607 3840s/pixel
FCS UVSP	10:26			Wavelength=2788A	⋖	Exp #=82736	Rast=180"x1"	Step=0"	1	)", Yaw=-372"

Event	1				The second secon	La casa.					
89/01	_ `	DOY=16 Peak	End times	SMM Pointing:	S31W41		Pitch=+450",Yaw	, Yaw=-552", Rol	, Roll=Odeg	H.Ang=47deg	
GOES HXRBS BCS BCS	10:51 10:59:17 10:59	11:01 10:59:18 11:00	15:04 11:31 11:32	<pre>Importance=M5 Peakc/s=195 CaPeak.c/s=3102</pre>	Qual=04 Qual=14 Qual= 5	Tot Cts=89545 FePeak=11:00	MaxkeV=102 FePeak.c/s=993	Flags=EN, 4	SA,DG dt= 7.7s	XEN=901608	
UVSP	11:26			Wavelength=278	•	Exp #=82737	Rast=180"x180 Rast=180"x1"	Step=10" Step=0"	Cad= 332s Pitch=+329"		
. 803 	12:32	12:33	13:05	As CaPeak.c/s=959	Associated Qual= 5	<pre>Event # = 22263 FePeak=12:33</pre>		#Peaks=1	dt= 7.7s	XEN=901610	,
UVSP		1		Wavelength=2788		Exp #=82739	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"		1.024s/pixel ",Yaw=-387"	
SS	13:42	13:48	14:38		Associated Qual= 5	Event # = 22264 FePeak=13:47	FePeak.c/s=10	•	dt= 7.7s	XEN=901611	ı
UVSP	13:33		•	elength=2788/	**************************************	Exp #=82740	Kast=240"x240" Rast=180"x1"	ep=10" ep=0"	I= 590s :ch=+330	1.024s/pixel ",Yaw=-390"	
BCS FCS UVSP	12: 12:	12:13		CaPeak.c/s=1135 Wavelength=2788	Qual= 2	Expend = 12:13 Exp #=82738	FePeak.c/s=160 Rast=300"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 328s Pitch=+329"	XEN=901609 1.024s/pixel ,Yaw=-382"	1
Event 89/01/	t # = 10209 1/16,12:09 Start	DOY=16 Peak	Fod + imps	SMM Pointing:	S31W42		Pitch=+450", Yaw	, Yaw=-562", Roll	, Roll=Odeg	H.Ang=47deg	
GOES HXRBS UVSP	12:05:02 12:01		12:13:4	Peakc/s=55 Wavelength=2788A	Qua]=00 Qua]=04	Tot Cts=5948 Exp #=82738	MaxkeV=102 Rast=180"x1"	Flags=SN,E Step=0"	ES Pitch=+329"	, Yaw=-382"	
Event 89/01/	Event # = 10210 89/01/16,15:17 Start	DOY=16 Peak	Fnd times	SMM Pointing:	S31W44		Pitch=+451", Yaw=-584"	584", Roll	, Roll=Odeg	H.Ang=49deg	1
Optica GOES	15:00	15:17	5:48		\$32W42	AR5312	Mac.=FKC	Carr.Lon.=304deg		H.Ang=48deg	
HXRBS BCS FCS	15:12:30 15:14	15:14:13 15:17	15:24:10 16:12	Peakc/s=362 CaPeak.c/s=1020	Qual=02 Qual= 5	Tot Cts=9760 FePeak=15:17		Flags=SN #Peaks=1	dt= 3.8s	XEN=901612	
uvSP Radio		15:08 Frequency(MHz)/Flux(s1	lux(sfu):	Wavelength=2788A 15400/120	Code=00	Exp #=82742	Rast=180"x180" Rast=180"x1"		Cad= 332s 1 Pitch=+330",	1.024s/pixel ',Yaw=-398"	
Event 89/01/ 0ptica 60ES BCS FCS UVSP	*	DOY=16 Peak 16:52 16:51	rimes	HaClass=SF Importance=C4 CaPeak.c/s=71 Wavelength=1375A	S16W68 Qual=04 Qual= 1 Code=02	AR5311 FePeak=16:51 Exp #=82745	Mac.=CS0 FePeak.c/s=9 Rast=240"x240" Rast=265"x265"	Carr.Lon.=329deg #Peaks=1 dt= 3. Step=10" Cad= 5 Step=5" Pitch=	8s 90s +459'	H.Ang=68deg XEN=901613 1.024s/pixel Yaw=-580"	
	t # = 22266 1/16,18:22 Start	D0Y=16 Peak	End times								
GOES BCS FCS	18:22	18:22	18:24	CaPeak.c/s=19	Qual=00 Qual= 5	FePeak=18:23			dt= 7.7s x	(EN=901614	
UVSP	18:23			Wavelength=1375A	_	Exp #=82753	Kast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+459",	1.024s/pixel ",Yaw=-589"	
											1

Ţ	1	a.e.		
XEN=901615 1.024s/pixel ", Yaw=-589"	H.Ang=53deg XEN=901616 1.024s/pixel ', Yaw=-674"	H.Ang=51deg ,Yaw=-683"	H.Ang=51deg , Yaw=-684"	H. Ang=51deg H. Ang=54deg Dur=300sec XEN=901617 1.024s/pixel 1.024s/pixel 1.024s/pixel 1.024s/pixel 2.7 yw=-613" XEN=901700 1.024s/pixel 3", Yw=-613" XEN=901700 1.024s/pixel
dt= 7.7s X Cad=1.02s 1 Pitch=+432",	=308deg   tdt = 7.7s   Cad= 328s   Pitch=+432"	,Roll=Odeg	Roll=Odeg H.Ang=51d	l=Odeg =309deg 1, EN, DG dt= 7.7s Cad= 590s Pitch=+458 Lad= 7.7s Cad= 590s dt= 3.8s Cad= 328s Pitch=+462 dt= 7.7s Cad= 328s Pitch=+462
#Peaks=1 Step=0" Step=0"	Carr.Lon.* #Peaks=2 Step=15" Step=0"	, Yaw=-614", Rol " Step=0"	-614", Step=0	-614", Ro Carr.Lon Flags=M5 #Peaks=2 Step=10" Step=10" #Peaks=1 Step=15" FPeaks=1 Step=15" Step=10" ************************************
FePeak.c/s=9 Rast=0"x0" Rast=10"x10"	Mac.=FKC FePeak.c/s=15 Rast=300"x240" Rast=10"x10"	Pitch=+454", Yaw MaxkeV=144 Rast=10"x10"	Pitch=+454", Yaw=- MaxkeV=144 Rast=10"x10"	Pitch=+454", Yaw=- Mac.=FKC  MaxkeV=367  FePeak.c/s=2302 Rast=240"x240" FePeak.c/s=24 Rast=240"x240" FePeak.c/s=111 Rast=300"x240" FePeak.c/s=111 Rast=265"x265" FePeak.c/s=12
FePeak=19:15 F Exp #=82761 R	AR5312 M FePeak=20:13 F Exp #=82764 F	F Tot Cts=1565 P Exp #=82775	Tot Cts=635 Exp #=82777 15400/1200	AR5312 Tot Cts=5.14E+5 FePeak=22:18 Exp #=82779 FePeak=22:27 Event # = 22270 FePeak=23:04 Exp #=82780 Event # = 22271 FePeak=00:47 Exp #=82791
Qual=02 Qual= 1 F Code=00 E	S30W49 Qual=01 Qual= 1 Code=00	\$31W47 Qual=00 Qual=01	\$31W47 Qual=00 Qual=01 8800/740	S31W47 S30W51 Qual=02 Qual=13 Qual= 1 A Code=00 Associated Qual= 5 Qual= 5 Associated Qual= 5
Importance=C4 CaPeak.c/s=42 Wavelength=1375A	HaClass=SF Importance=C6 CaPeak.c/s=135 Wavelength=1375A	SMM Pointing: Peakc/s=91 Wavelength=1375A	SMM Pointing: Peakc/s=48 Wavelength=1375A 2695/62 4995/420	SMM Pointing: S31W47  HaClass=18 S30W51 Importance=M7 Qual=02 Peakc/s=9556 Qual=13  CaPeak.c/s=4695 Qual= 1  Wavelength=1375A Code=00
End times 19:30 19:20	End times 20:24 20:53	End times 22:01:37	End times 22:08:31 Tux(sfu):	End times 01:24 22:25:1:00 22:27 22:27 22:28 00:01
DOY=16 Peak 19:18 19:16	DOY=16 Peak 20:13 20:13	D0Y=16 Peak 22:00:33	= 10212 6,22:07	3 DOY=16 Peak 22:20 4 22:16:26 0 22:19 22:27 - 23:04
# = 22267 /16,19:18 Start 19:07 19:10	# = 22268  /16,20:13  Start   Start   20:09   19:56	# = 10211 /16,22:00 Start 22:00:01 21:48	* <u>~</u>	# = 10213 16,22:20 Start 11 22:13 22:11:30 22:14 22:14 22:27 22:27 23:05 23:05 23:05
Event 89/01/1	Event 89/01/89/01/00ptica GOES BCS FCS UVSP	Event 89/01/ GOES HXRBS UVSP	Event 89/01/ GOES HXRBS UVSP Radio	Event 89/01/ 0ptica 60ES 60ES 60ES FCS UVSP UVSP UVSP UVSP

geb	0	qeg	- m	qeg	<u>.</u>		lea	· 1	e z	eg	=_		2	- -	<b>.</b>	o Ga	<b>~</b>	[e]
H.Ang=52deg	4", Yaw=-670"	H.Ang=52deg	4", Yaw=-67.	H.Ang=52deg			H.Ana=53dea	XEN=90170	1.024s/pixel	H.Ang=54deg	Pitch=+531".Yaw=-609"		XEN=90170	1.U24S/plxel ",Yaw=-691"	H.Ang=55deg	H.Ang=25deg	XEN=901703	1.024s/pixel
11=0deg	Pitch=+464"	] = 0deg	Pitch=+464",	, Roll=Odeg	Pitch=+454"		1=0deq	dt= 3.8s	Cad= 328s 1 Pitch=+460",	, Roll=Odeg	Pitch=+531		dt= 7.7s	Cau=1.025 Pitch=+461	=0deg	244deg	dt= 7.7s	Cad=1.02s
, Yaw=-626", Roll=0deg	Step=0"	aw=-626", Ro	Step=0"	, Yaw=-626", Rol	Step=0"		,Yaw=-636",Roll=0deq	#Peaks=1	Step=15" Step=0"	, Yaw=-646", Rol	Step=0"		#Peaks=2 Sten=0"		657", Roll	Carr.Lon.=244deg	<b>5</b> ⊶	
Pitch=+454", Y	MaxkeV=102 Rast=10"x10"	Pitch=+454", Yaw=-626", Roll=0deg	MaxkeV=102 Rast=10"x10"	Pitch=+454", Ya	MaxkeV=144 Rast=10"x10"		Pitch=+455", Ya	MaxkeV=102 FePeak.c/s=23	Kast=300"x240" Rast=10"x10"	Pitch=+456", Ya	MaxkeV=102 Rast=10"x10"		FePeak.c/s=9 Rast=0"x0"	Rast=10"x10"	Pitch=+457", Yaw=-657", Roll=0deg	Mac.=DAO	MaxkeV=102 FePeak.c/s=11	Rast=U"xU" Dact=20"×30"
	Tot Cts=213 Exp #=82782		Tot Cts=956 Exp #=82786		Tot Cts=315 Exp #=82788	7 D0Y=17		Tot Cts=220 FePeak=02:26	Exp #=82800		Tot Cts=122 Exp #=82809		FePeak=04:24	Exp #=82813		AR5321	Tot Cts=3510 FePeak=05:36	Fxn #=82818
S31W48	Qua]=00 Qua]=01	S31W48	Qual=00 Qual=01	S31W48	Qual=00 Qual=01	89/01/1	S31W49	Qual=01 Qual=01 Qual= 1	Code=00	S31W50	Qual=01 Qual=01 Code=00		Qual=00 Qual= 1		S31W52	N18E10 Oual=01		Code=00
SMM Pointing:	Peakc/s=42 Wavelength=1375A	SMM Pointing:	Peakc/s=47 Wavelength=1375A	SMM Pointing:	Peakc/s=56 Wavelength=1375A	110	SMM Pointing:	Importance=C7 Peakc/s=45 CaPeak.c/s=114	Wavelength=1375A	SMM Pointing:	Importance=C3 Peakc/s=49 Wavelength=1375A		aPeak.c/s=24	Wavelength≈1375A	SMM Pointing:	lass=18 ance=C9	Peakc/s=87 (CaPeak.c/s=42 (	Wavelength=1375A (
End times	7 23:19:11	End times	8 23:42:42	End times	3 23:51:41		Fnd times	02:31 02:25:22 03:07		End times	04:12 03:59:53	End times	04:36		End times		05:40:41 06:07	
4 D0Y=16 Peak	23:18:4	5 D0Y=16 Peak	9 23:39:1	6 D0Y=16 Peak	8 23:51:23		DOY=17 Peak	02:27 02:25:08 02:28		D0Y=17 Peak		D0Y=17 Peak	04:23		00Y=17 Peak	:41	05:35:15 05:36	
: # = 10214 /16,23:18 Start	23:18:2	# = 1021 /16,23:39 Start	23:37:5 23:36	# = 1021 /16,23:51 Start	23:50:5	- 1001 - H	# = 1021/ /17,02:27 Start	888	02:16	t # = 10218 1/17,04:01 Start	03:50 03:59:29 03:53	: # = 22272 1/17,04:23 Start	04:20	04:20	: # = 10219 1/17,05:41 Start	) 05:34	3:28 3:28	05:29
<b>→</b>	HXRBS UVSP	Event 89/01,	XRBS VSP	Event 89/01/	GOES HXRBS UVSP	4400	89/01/	GOES HXRBS BCS FCS	UVSP	Event 89/01/	GOES HXRBS UVSP	E5 (c	FCS	. 1		Optical GOES	HXRBS BCS FCS	UVSP

DOY=17 Peak 06:09	End times 06:12	CaPeak.c/s=19 Wavelength=1375A	Qual=00 Qual= 5 F	FePeak=06:09 Exp #=82820	FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s XEN=901704 Cad=1.02s 1.024s/pixel Pitch=+462", Yaw=-599"
DOY=17 Peak 07:18 Type	End times 07:48 /Intensity:	CaPeak.c/s=81 Wavelength=1375A III/1	Qual=00 Qual= 1	FePeak=07:14 Exp #=82823	FePeak.c/s=11 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=10"	dt= 7.7s XEN=901705 Cad= 590s 1.024s/pixel Pitch=+457", Yaw=-709"
DOY=17 Peak 09:21 09:19	End times 09:37 09:20	HaClass=SF Importance=C3 CaPeak.c/s=19 Wavelength=2788A	\$18W03 Qual=03 Qual= 4 Code=00	AR5320 FePeak=09:19 Exp #=82828	Mac.=CSO FePeak.c/s=5 Rast=115"x115" Rast=180"x1"	Carr.Lon.=255deg #Peaks=1 dt= 7. Step=5" Cad=10 Step=0" Pitch=	-255deg H.Ang=14deg dt= 7.7s XEN=901706 Cad=1083s 2.048s/pixel Pitch=+339", Yaw=-491"
	DOY=17 Peak End times 10:23 10:37 10:22 10:34	Importance=C2 CaPeak.c/s=38 Wavelength=2788A	Qua]=04 Qua]= 5	FePeak=10:22 Exp #=82830	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XEN=901707 Cad=1.02s 1.024s/pixel Pitch=+339", Yaw=-498"
DOY=17 Peak 10:54 10:54	DOY=17 Peak End times 10:54 11:00 10:54 10:56	Importance=C3 CaPeak.c/s=20 Wavelength=2788A	Qual=01 Qual= 1 A Code=00	FePeak=10:54 Exp #=82830	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XEN=901708 Cad=1.02s 1.024s/pixel Pitch=+339", Yaw=-498"
· · · · · · · · · · · · · · · · · · ·	DOY=17 Peak End times 13:58 14:08 13:58 14:03	Importance=C4 Qual=O3 CaPeak.c/s=48 Qual= 1 Wavelength=2788A Code=O2	Qual=03 Qual= 1 A Code=02	FePeak=13:58 Exp #=82834	FePeak.c/s=8 Rast=300"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s XEN=901709 Cad= 328s 1.024s/pixel Pitch=+341", Yaw=-511"

0 -×=				_   	્ ਚ	- E	
XEN=901710 1.024s/pixel	XEN=901711 1.024s/pixel ", Yaw=-764"	XEN=901712 1.024s/pixel	XEN=901713	1.024s/pixel ', Yaw=-769"	XEN=901714 1.024s/pixel ', Yaw=-771"	XEN=901715 1.024s/pixel ', Yaw=-772"	XEN=901716 1.024s/pixel ', Yaw=-642"
dt= 7.7s X Cad=1.02s 1 Pitch=+466",		dt= 3.8s X Cad= 328s 1 Pitch=+456",	dt= 7.7s	Cad=1.02s 1 Pitch=+452",	dt= 7.7s X Cad=1.02s 1 Pitch=+452",	dt= 7.7s X Cad=1.02s 1 Pitch=+452",	dt= 7.7s X Cad=1.02s 1 Pitch=+462",
#Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"	#Peaks=1 Step=15" Step=0"	*Peaks=1	Step=0"	#Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"
FePeak.c/s=9 Rast=0"x0" Rast=10"x10"	FePeak.c/s=9 Rast=0"x0" Rast=10"x10"	FePeak.c/s=13 Rast=300"x240" Rast=10"x10"	FePeak.c/s=6	Rast=10"x10"	FePeak.c/s=7 Rast=0"x0" Rast=10"x10"	FePeak.c/s=7 Rast=0"x0" Rast=10"x10"	FePeak.c/s=8 Rast=0"x0" Rast=10"x10"
FePeak=14:54 Exp #=82838	FePeak=15:10 Exp #=82840	FePeak=15:33 Exp #=82844	FePeak=16:19	Exp #=82847	FePeak=16:30 Exp #=82849	FePeak=17:06 Exp #=82853	FePeak=18:13 Exp #=82858
Qual=01 Qual= 1 \ Code=00	Qual=01 Qual= 1 Code=00	Qual=01 Qual= 1 Code=00	Qual=00 Qual= 4		Qual=00 Qual= 4	Qual=00 Qual= 1	Qual=06 Qual= 4 F
Importance=C3 CaPeak.c/s=36 Wavelength=1375A	Importance=C3 Cabeak.c/s=39 Wavelength=1375A	Importance=C5 CaPeak.c/s=75 Wavelength=1375A	CaPeak.c/s=19	Wavelength=1375A	CaPeak.c/s=24 Wavelength=1375A	CaPeak.c/s=31 Wavelength=1375A	CaPeak.c/s=24 ( Wavelength=1375A
End times 14:59 15:01	End times 15:13 15:18	End times 15:35 15:37	End times 16:23		End times 16:42 (	End times 17:10 C	End times 18:28 C
9 DOY=17 Peak 14:54 14:54	0 D0Y=17 Peak 15:10 15:10	D0Y=17 Peak 15:31 15:33	D0Y=17 Peak 16:19		Peak 16:31	DOY=17 Peak 17:06	DOY=17 Peak 18:11
Event # = 22279 89/01/17,14:54 Start GOES 14:45 BCS 14:47 FCS 14:47 UVSP 14:49	t # = 22280 1/17,15:10 Start 15:07 15:03	t # = 22281 1/17,15:31 Start 15:28 15:30 15:28	# = 2 /17,16 Star 16:1	16:18 t # = 22283 1/17,16:31	Start 16:29 16:31	Event # = 22284 89/01/17,17:06 Start GOES BCS 17:01 FCS UVSP 16:58	Event # = 22285 89/01/17,18:11 Start 60ES BCS 18:10 FCS 18:04
Event 89/01 60ES BCS FCS UVSP	Event 89/01/ GOES BCS FCS FCS	Event 89/01/ 60ES BCS FCS UVSP	60ES 89/01/ 60ES 60ES FCS	UVSP Event 89/01/	GOES BCS FCS UVSP	Event 89/01/ 89/01/ 60ES BCS FCS UVSP	Event # 89/01/1 GOES BCS FCS UVSP

20:07 Importance 20:01 CaPeak.c/s Wavelength End times 20:10:37 Peakc/s Wavelength Wavelength End times 20:20 20:20 20:20 20:17 CaPeak.c/s	ortance=C5 eak.c/s=22 elength=1375A pointing: kc/s=42 elength=1375A ortance=C4 eak.c/s=53 elength=1375A	Qual=01 Qual= 4 Code=00 Qual=00 Qual=01 Qual=01 Qual= 1 Code=00	Exp #=82867  Tot Cts=218  Exp #=82871  FePeak=20:16  Exp #=82871	FePeak.c/s=12  #Peaks=1 dt= 7 Rast=0"x0"	#Peaks=1 Step=0" Step=0" =-721",Rol Step=0" #Peaks=1 Step=0"		XEN=901718 1.024s/pixel 1.024s/pixel 1.024s/pixel 1.4aw=-703" H.Ang=61deg 1.7aw=-695"
S S		\$31\\$9 Qual=00 Qual=01 Qual=01 Code=00	Tot Cts=218 Exp #=82871 FePeak=20:16 Exp #=82871	Pitch=+462", Yaw MaxkeV=102 Rast=10"x10" FePeak.c/s=14 Rast=0"x0"	=-721", Rol Step=0" #Peaks=1 Step=0"	=+499' 1, 8s 2,6s	H. Ang=61deg ', Yaw=-695" XEN=901719
يې		Qual=00 Qual=01 Qual=1 Code=00	Exp #=82871 Exp #=82871 FePeak=20:16 Exp #=82871	Maxkev=102 Rast=10"x10" FePeak.c/s=14 Rast=0"x0"	Step=0" #Peaks=1 Step=0"	Pitch=+499'	, Yaw=-695" XEN=901719
	rtance=C4 ak.c/s=53 :length=1375A Pointing:	Qual=01 Qual= 1 Code=00	FePeak=20:16 Exp #=82871	FePeak.c/s=14 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s Cad=.26s	XEN=901719
	velength=1375A M Pointing: noortance=C4	Code=00	Exp #=82871		-		0.4203/ 0.46
₩avelengt	M Pointing: portance=C4			Rast=10"×10"	Step=0"	Pıtch=+499	, raw=-695
SMM Point	portance=C4	S31W59		Pitch=+462",Yaw	, Yaw=-721", Rol	, Roll=Odeg	H.Ang=61deg
Importanc Peakc/ Wavelengt	akc/s=45 velength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=172 Exp #=82874	MaxkeV=102 Rast=10"×10"	Step=0"	Pitch=+524"	", Үаw=-583"
Importanc	nportance=C5	Qual=01 Oual= 1	FePeak=21:28	FePeak.c/s=13			XEN=901720
Wavelengt	avelength=1375A		Exp #=82878	Rast=300"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 3288 1 Pitch=+454",	1.0245/pixei  ", Yaw=-775"
times		0.00					
CaPeak.c/ Wavelengt	aPeak.c/s=52 avelength=1375A	Qua]= 4	FePeak=22:29 Exp #=82881	FePeak.c/s=15 Rast=300"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 328s 1 Pitch=+473",	XEN=901/21 1.024s/pixel 3",Yaw=-717"

				89/01/18	18 D0Y=18				
89/01/18,00:12 [ Start F	2 DOY=18 Peak	End times	SMM Pointing:	S31W61		Pitch=+466", Ya	, Yaw=-731", Ro	, Roll=0deg	H.Ang=63deg
00:12:33 00:05	3 00:12:45	5 00:12:48	Peakc/s=48 ₩avelength=1375A	Qual=00 Qual=01	Tot Cts=88 Exp #=82892	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+456"	", Yaw=-780"
1022: 0:23 rt	3 D0Y=18 Peak	End times	SMM Pointing:	S31W61		Pitch=+466", Yaw=-731", Roll=Odeg	IW=-731", Ro	]]=0deg	H.Ang=63deg
00:20 S 00:21:08 00:21	00:23 00:21:20 00:23	00:27 0 00:23:37 00:30	<pre>Importance=C5 Peakc/s=106 CaPeak.c/s=91</pre>	Qua}=01 Qua]=01 Qua]= 1	Tot Cts=1364 FePeak=00:22	MaxkeV=144 FePeak.c/s=18			XFN≈Q∩1801
00:20	ĺ		₩avelength=1375A	Code=00	Exp #=82894	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s 1 Pitch=+456",	1.024s/pixel
Event # = 22292 89/01/18,01:41 Start	D0Y=18 Peak	End times							
01:39	01:41	01:46	CaPeak.c/s=24	Qual=00 Qual= 1	FePeak=01:39	FePeak.c/s=9	#Peaks=1	dt= 7 7c	XEN=001002
01:39			Wavelength=1375A		Exp #=82901	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-628",	1.024s/pixel ',Yaw=-542"
t # = 22293 1/18,02:28 Start	D0γ=18 Peak	End times							
02:28	02:28	02:32	CaPeak.c/s=18	Qua]=00 Qua]= 4	FePeak=02:28	FePeak.c/s=7	#Peaks=1	dt= 7 7c	X FN=001803
:19			₩avelength=1375A		Exp #=82907	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-630"	1.024s/pixel ',Yaw=-543"
t # = 10226 1/18,03:48 Start	D0Y=18 Peak	End times	SMM Pointing:	S31W63		Pitch=+470", Yav	, Yaw=-744", Roll=0deg		H.Ang=64deg
03:47:49 03:40	03:48:12	03:48:33	Peakc/s=44 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=165 Exp #=82914	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+533"	, Yaw=-647"
# = 22547 /18,03:56 Start	DOY=18 Peak	End times							
03:29	03:56	04:06	CaPeak.c/s=171	Qual=00 Qual= 1	FePeak=03:49	FePeak.c/s=18	#Peaks=1		KEN=901804
03:54	i		Wavelength=1375A		Exp #=82916	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s Pitch=+523"	1.024s/pixel ', Yaw=-718"

Start   Political Color   Po	vent # = 10	7		ON Parity	531464		Pitch=+470", Yaw=	Yaw=-754",Roll	,Roll=Odeg	H.Ang=65deg
Max.	<u> </u>	14 UUY≛18 : Peak	times	. 6111.1110.	100				o pave.	neb8A=pa6 u
18   18   18   18   18   18   18   18	tical	L	_	HaClass=SF	S30W67	AR5312	Mac.=FKC	carr.con.=	:20oged	n•Aily=bouey
05:04  # 310225  # 310224  # 310225  # 310225  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310225  # 310226  # 31020  # 31020  # 31020  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  # 310226  #		05:14 :24 05:08 05:13	05:20 9 05:13:04 05:39		Qual=01 Qual= 1	ot Cts=4296 ePeak=05:11	MaxkeV=102 FePeak.c/s=107		dt= 3.8s Cad= 328c	XEN=901805 1 024s/pixel
Signature   Sign				Wavelength=1375A	Code=00	#=82921	Rast=10"x10"		Pitch=+454"	, Yaw=-742"
Start Peak End times  HaClass=IF S30W65  OFFIGE OFFIGE OFFICE  HaClass=IF S30W65  OFFIGE OFFICE  Havelength=1375A Code=01  Feekex-07:03	ent /01/	D0Y=1		Pointing	S31W64		Pitch=+470",Yaw	=-754",Roll	l=0deg	H.Ang=65deg
05:18 07:18 07:18 07:18 07:18 07:18 07:18 07:18 07:18 07:18 08:19 07:18 07:18 07:18 08:19 08:19	Start	Peak	End times		\$30M65	AR5312	Mac.=FKC	Carr.Lon.=	-305deg	H.Ang=66deg
Frequency (MHz)/Flux(sfu);   2095/270	ES 06:58 RBS 06:29 S 06:31	121	08:40 07:12:54 07:13		Qual=02 Qual=04 Qual= 3	Tot Cts=1.09E+6 FePeak=07:03	MaxkeV=367 FePeak.c/s=3278	Flags=M5 #Peaks=1 C+en=10"	SN, EN dt= 7.7s Cad= 332s	XEN=901806 1.024s/pixel
Frequency (MR2) / ILX(STU):CO393.270  Frequency (MR2) / ILX(STU):CO393.270  Ga:08		2	7	avelength=137			Rast=10"x10"	Step=0"	Pitch=+460"	, Yaw=-794"
11		quency(MHz), 	(n. /	ak.c/s=1887	ssociated Qual= 5	Event # = 22294 FePeak=08:08	FePeak.c/s=216	#Peaks=1	dt= 3.8s	EN=901807 .024s/pixel
# = 10225 Start Peak End times   Qual=00   Cts=112   Maxkev=102   Max	80 0	<b>,4</b>		ave		#=82935	Rast=243"x243"	Step=3"	Pitch=+479	Yaw=-750"
98:23:22 C8:23:33 O8:23:40 Peakc/s=55 Qual=01	E 0	D0Y=1		SMM Pointing	S31W66		Pitch=+472",Yaw	=-764", Rol	1=0deg	₽/9=
# = 22295 118,09:08	Star ES 08:2. SP 08:0	08:23	3 08:2	Peakc/s=55 Wavelength=2788			MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=+479'	', Yaw=-750"
09:46 09:08 11:43	ent # = 2 //01/18,09   Star		End time		Sanues	AR5312	Mac.=FKC	Carr.Lon.	) i	H.Ang=69deg
09:16  Wavelength=2788A Code=02 Exp #=82937 Rast=180"x1" Step=0" Step=10" Cad= 590s	08:4 09:4	20	11:4	Importance=M9 CaPeak.c/s=1668	Qual=05 Qual= 5	FePeak=09:45	FePeak.c/s=126		dt= 3.8s	XEN=901808
10:55 10:56 11:54 CaPeak.c/s=248 Qual= 5 FePeak=10:55 Rast=240"x240" Step=10" Cad= 590s Rast=180"x1" Step=10" Cad= 590s Pitch=+352*	09:1	9		Wavelength=2788A	Code=02	Exp #=82937			Pitch=+351	", Yaw=-582"
10:50    Havelength=2788A   Exp #=82939   Rast=180"x1"   Step=0" Pitch=+352"     Havelength=2788A   Exp #=82939   Rast=180"x1"   Step=0" Pitch=+352"     Havelength=2788A   Exp #=82941   Rast=180"x1"   Step=0" Pitch=+352     Havelength=2788A   Code=00   Exp #=82941   Rast=180"x1"   Step=0" Pitch=+353     Havelength=2788A   Code=00   Exp #=82941   Rast=180"x1"   Exp = 0     Havelength=2788A   Code=00   Exp #=82941   Rast=180"x1"   Exp = 0     Havelength=2788A   Code=00   Exp #=82941   Rast=180"x1"   Exp = 0     Havelength=2788A   Exp = 0     Havelength=2788	101	5 10:5	11:54	CaPeak.c/s=248	(Ssociated Qual= 5	Event # = 2229 FePeak=10:55				XEN=901815 1.024s/pixel
tt # = 22297 11/18,12:29	S SP 10:	o		à		**	Rast=180"x1"		Pitch=+352	, Yaw=-586"
Rast=160 X180 Step=10 Cad= 3353 Wavelength=2788A Code=00 Exp #=82941 Rast=180"x1" Step=0" Pitch=+353	); it	)7 ) DOY=1 Peak 12:29 12:29	End time 13:13 13:27	10	Qua]=05 Qua]= 5	FePeak=12:29	FePeak, C/s=18			XEN=901809
	_			Wavelength=2788∤			Rast=160 x160 Rast=180"x1"		Pitch=+35	", Yaw=-591"

Event 89/01	1	-		CMM Dointing.	0011100			i i i i i i i i i i i i i i i i i i i			
	-	Peak	힏	7	221M06		Pitcn=+4/3", Yav	, Yaw=-//5", Rol	, Roll=Odeg	H.Ang≖68deg	
GOES HXRBS UVSP		13:16 13:13:59	13:28   13:14:45	Importance=C8 Peakc/s=127 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=2050 Exp #=82942	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=+353	Pitch=+353", Yaw=-594"	
Event 89/01/	# = 10228 /18,18:26 Start	D0Y=18 Peak	Fnd +imes	SMM Pointing:	S31W70		Pitch=+475", Yaw	, Yaw=-785", Rol	, Roll=Odeg	H.Ang=70deg	
Optice Optice GOES	al al 18:07	18:26	9:53	HaClass=3B HaClass=SF Importance=X1	N26W23 N18W15	AR5317 AR5321	Mac.=EKI	Carr.Lon.=257deg Carr.Lon.=249deg	.=257deg .=249deg	H.Ang≖38deg H.Ang=27deg	
HXRBS BCS FCS	18:04:05 17:10	18:05:44 18:05	18:07:52 18:08	Peakc/s=52 CaPeak.c/s=51	Qual=01 Qual= 3	Tot Cts=1388 FePeak=18:02	MaxkeV=102 FePeak.c/s=8			XEN=901816	
UVSP Radio Radio	18:37 Sweeps Frequenc	£` <b>'</b> ?:	<pre>// // // // // // // // // // // // //</pre>	Wavelength=2788A 11/2 245/110 410/73 60	6/150	Exp #=82970 15400/830	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s 1 Pitch=+356",	1.024s/pixel ",Yaw=-607"	
Event	# = 10229								A de la companya de l		
89/01/	18,18:46 Start	D0Y=18 Peak	End times	SMM Pointing:	S31W70		Pitch=+475",Yaw	, Yaw=-785", Rol	, Roll=Odeg	H.Ang=70deg	
GOES HXRBS UVSP	18:44:50 18:50	18:46:29	18:47:54	Peakc/s=235 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=12722 Exp #=82971	MaxkeV=144 Rast=265"x265"	Step=5"	Pitch=+484"	", Yaw=-780"	
Event 89/01/	# = 10233 /18,23:26 Start	DOY=18	Fod +	SMM Pointing:	S31W72		Pitch=+477", Yaw	, Yaw=-795", Rol	, Roll=Odeg	H.Ang=72deg	
GOES HXRBS BCS	23:25:41 23:25	23:26:15 23:26	26:24 30	Peakc/s=44 CaPeak.c/s=58	Qual=00 Qual=01 Qual= 1	Tot Cts=235 FePeak=23:26	MaxkeV=102 FePeak.c/s=15	#Peaks=1	dt= 3.8s	XEN=901813	
UVSP	23:26			Wavelength=1375A		Exp #=82998	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 131s Pitch=+487"	0.512s/pixel ",Yaw=-790"	
4	100				89/01/19	) D0Y=19					1
89/01/	# = 10230 19,00:02 Start	DOY=19	-	SMM Pointing:	S31W74		Pitch=+480", Yaw=-805", Roll=0deg	=-805", Rol	]=0deg	H.Ang=74deg	1
GOES HXRBS BCS BCS	23:57 23:59:02 23:57	00:02 23:59:13 00:01	46	Importance=C4 Peakc/s=67 CaPeak.c/s=129	Qual=01 Qual=01 Qual= 1	Tot Cts=633 FePeak=00:00	MaxkeV=144 FePeak.c/s=34		dt= 7.7s	XEN=901814	
UVSP	26			₩avelength=1375A	Code=00	Exp #=83004	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 131s 0 Pitch=+490",	0.512s/pixel ",Yaw=-819"	
Event	t # = 22300 1/19,01:37 Start cal	D0Y=19 Peak	End times	HaClass=SF	S31W51	AR5316	Mar = DDO	solitor- no l med	201400	7 P P P P P P P P P P P P P P P P P P P	
GOES BCS	01:21	01:37	01:56	aPeak.c/s=51	Qual=00 Qual= 1	36			75	N. MIG-34469	
UVSP	01:31			Wavelength=1375A		Exp #=83013	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 131s 0 Pitch=+466",	0.512s/pixel ", Yaw=-852"	
											1

Event 89/01/	٠.	D0Y=19	4	SMM Pointing:	S31W74		Pitch=+480", Yaw=-805"	805", Roll	, Roll=Odeg	H.Ang=74deg	
GOES HXRBS BCS	Start 02:37 02:55:07 02:57	Peak 03:00 02:55:25 02:57	67 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Importance=C6 Peakc/s=66 CaPeak.c/s=28	Qual=01 Qual=01 Qual= 1	Tot Cts=547 FePeak=02:57	MaxkeV=144 FePeak.c/s=7	#Peaks=1 Stan=0"	dt= 7.7s Cad=1 02s	XEN=901901 1 024s / n.j.y.e.1	
UVSP UVSP  HXRBS	02:50 -02:58:30	02:59:03	02:59:24	Wavelength=1375A A Peakc/s=48	Code=00 sociated Qual=01	Exp #=83020 Event # = 10232 Tot Cts=290	Rast=10"x10" MaxkeV=102		Pitch=+451"	, Yaw=-864"	
Event 89/01/		D0Y=19		SMM Pointing:	S31W77		Pitch=+484", Yaw=-815"	=-815", Rol	, Roll=Odeg	H.Ang=76deg	
GOES HXRBS BCS	Start 09:14 S 09:13:50 09:07	Peak 09:17 09:14:39 09:16	End times 09:32 09:15:32 09:29	Importance=C4 Peakc/s=174 CaPeak.c/s=79	Qual=01 Qual=01 Qual= 1	Tot Cts=3442 FePeak=09:15	MaxkeV=187 FePeak.c/s=14	#Peaks=2 c+on=15:	dt= 7.7s Cad= 131s	XEN=901902	
rcs uvsp Radio	08:50 Frequency(MHz)/Flux(sfu)	:y (MHz)/F	lux(sfu):	Wavelength=2788A 2695/190	Code=00	Exp #=83043	Rast=243"x243"	Step=3:		Yaw=-808"	
Event 89/01/	t # = 10235 1/19,12:04 Start	D0Y=19 Peak	End times	SMM Pointing:	S31W80		Pitch=+488", Yaw=-825", Roll=Odeg	=-825", Rol	]=0deg	H.Ang=79deg	l
GOES HXRBS UVSP	12:04:00 11:49		12:0	Peakc/s=41 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=156 Exp #=83047	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+367"	, Yaw=-640"	
Event 89/01/	t # = 22602 1/19, 12:27 5+3rt	DOY=19	Fnd + impo								1
GOES BCS	12:01	12:27	LI )	CaPeak.c/s=90	Qual=00 Qual= 1	FePeak=12:24	FePeak.c/s=16 Rast=240"x240"	#Peaks=1 Sten=15"	dt= 7.7s Cad= 131s	dt= 7.7s XEN=901903 Cad= 131s 0.512s/bixel	
UVSP	12:47			Wavelength=2788A	_	Exp #=83048	Rast=180"x1"		Pitch=+368	, Yaw=-641"	
Event 89/01,	./19,12:36 Start	DOY=19 Peak	End times	SMM Pointing:	S31W80	:	Pitch=+488", Yaw	, Yaw=-825", Rol	, Roll=Odeg	H.Ang=79deg	
GOES HXRBS UVSP			12:	Peakc/s=47 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=202 Exp #=83048	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+368"	', Yaw≂-641"	
Event 89/01,	# = 22298 /19,13:27 Start	00Y=19	P P P P P P P P P P P P P P P P P P P								1
GOES	13:27	13:27	37	CaPeak.c/s=18	Qual=00 Qual= 5	FePeak=13:30	FePeak.c/s=7	#Peaks=1	dt= 7.7s X Cad=1 02s 1	XEN=901904 1 024s/nixel	
UVSP	13:21			Wavelength=2788A		Exp #=83049	Rast=180"x1"	Step=0"	Pitch=+368	, Yaw=-642"	
						:		:			1

14:14:55 14:1 14:16 14:1 14:16 14:1 14:16 14:1 15:33:14 15:3 15:33:14 15:3 15:33:14 15:3 15:50 15:5 17:24 End 17:22:18 17:2 17:22:18 17:2 17:22:18 17:2 17:24 17:3 18:23 18:2 18:23 18:2 18:23 18:2 18:23 18:2	Event # = 10237 89/01/19,14:16 Start	7 D0Y=19 Peak	End times	SMM Pointing:	S31W80		Pitch=+488", Yaw	, Yaw=-825", Rol	, Roll=Odeg	H.Ang=79deg
DOY-19	14:14:48	14:14: 14:16	14:1 14:1	Peakc/s=53 CaPeak.c/s=27	Qual=00 Qual=01 Qual= 1	Tot Cts=141 FePeak=14:15	MaxkeV=102 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=901905
15:33:14   15:33:39   Peakc/s=46   Qual=00   Tot Cts=284   MaxkeV=102   Mavelength=1375A   Qual=00   Tot Cts=284   MaxkeV=102   Mavelength=1375A   Qual=00   Tot Cts=284   MaxkeV=102   Mavelength=238A   Mavelength=238A   Mavelength=238A   Mavelength=238A   Mavelength=238A   Mavelength=238A   Mavelength=238A   Mavelength=238A   Mavelength=235A   Qual=01   Tot Cts=103   MaxkeV=102   Mavelength=235A   Qual=01   Tot Cts=103   MaxkeV=102   Mavelength=235A   Qual=01   Tot Cts=103   MaxkeV=102   Mavelength=235A   Qual=01   Tot Cts=28A   MaxkeV=102	14:19			ength=2788		Exp #=83050	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+368"	1.024s/pixel ,Yaw=-643"
15:33:14 15:33:39 PeakC/S=46 Qual=01	# = 10238 /19,15:33 Start	DOY=1 Peak	End times	i	S31W88		Pitch=+500", Yaw	/=-836", Rol	]=0deg	H.Ang=86deg
DOY=19 Peak End times Havelength=2788A Exp #=83057 Bast=240"xZ40" Step=15" Cad= 131s Rast=180"xI" Step=0" Pitch=+379 Rast=180"xI Cad=1.02s R	15:32:59 15:28	15:33	15:3	c/s=46 ength=1375	Qual=00 Qual=01	Tot Cts=284 Exp #=83055	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+539"	, Yaw=-851
15:50   15:59   CaPeak.c/s=56   Qual=   1   FePeak=15:47   FePeak.c/s=7   FePeak.c/s=379   Rast=240"x240"   Step=15"   Cad= 131s	# = 22299 /19,15:50 Start				,					
DOY=19 Peak         Exp #=83057         Rast=1240"x240" Step=10" Cad= 131s         Cad= 131s           Peak Feak times         SMM Pointing: S31W88         Fepeak=17:23         AR5321         Mac.=DAO         Carr.Lon.=248deg           17:22 -18 17:22 -46 Peak.c/s=4         Qual=01 Tot Cts=103 Fepeak=17:23         Fepeak.c/s=8         Fepeak.c/s=8         Fepeak=3 dt=3.8s           17:24 17:33 Capeak.c/s=46 Qual=1         Fepeak=17:23 Fepak.c/s=8         Fepeak=17:23 Fepak.c/s=8         Fepeak=10.00 Cal=1.02s           17:24 17:33 Capeak.c/s=6 Qual=0         Exp #=83062         Rast=110"x200"         Step=0" Pitch=+500"           17:24 17:33 Capeak.c/s=20 Qual=0         Exp #=83065         Rast=110"x200"         Step=5" Pitch=+507"           18:09 18:16 Capeak.c/s=20 Qual=0         Exp #=83066         Rast=26"x0" Step=5" Pitch=+500"         Pitch=+507"           18:29 Leak         Importance=C3 Qual=0         Qual=0         Tot Cts=309 Pitch=+500", Yaw=-836", Roll=0deg           18:20 Leak         Importance=C3 Qual=0         Qual=0         Tot Cts=309 Pitch=+500", Yaw=-836", Roll=0deg           18:20 Leak         Importance=C3 Qual=0         Qual=0         Tot Cts=309 Pitch=+500", Yaw=-836", Roll=0deg           18:20 Leak         Importance=C3 Qual=0         Qual=0         Tot Cts=309 Pitch=+500", Yaw=-836", Roll=0deg           18:20:54 18:21:12 Pack         Capeak <t< td=""><td>15:00</td><td>15:50</td><td>15:59</td><td>CaPeak.c/s=56</td><td>Qual=00 Qual= 1</td><td>FePeak=15:47</td><td>FePeak.c/s=7</td><td></td><td>dt= 7.7s</td><td>XEN=901906</td></t<>	15:00	15:50	15:59	CaPeak.c/s=56	Qual=00 Qual= 1	FePeak=15:47	FePeak.c/s=7		dt= 7.7s	XEN=901906
DOY=19  DOY=19  End times  HaClass=SF  N23W27  HaClass=SF  N23W27  HaClass=SF  Qual=01  DOY=19  End times  HaClass=SF  Qual=01  N23W27  AR5321  Hac.=DAO  Carr.Lon.=248deg  Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Mavelength=1375A  Exp #=83066  Exp #=83066  Pritch=+500", Yaw=-836", Roll=0deg  Pritch=+500", Yaw=-836", Roll=0deg  Pritch=+500", Vaw=-836", Roll=0deg  Pritch=+500", Vaw=-836", Roll=0deg  Pritch=+500", Vaw=-836", Roll=0deg  Rast=21:12  Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=21:12  Rast=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=10"x00" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=110"x200" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=1.00"x0" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=0"x0" Step=0" Cad=1.02s  Rast=1.00"x0" Step=0" Cad=1.02s  Rast=0.00" St	15:53			ength=2788		Exp #=83057	Rast=240"x240" Rast=180"x1"		Cad= 131s Pitch=+379"	0.512s/pixel ,Yaw=-651"
17:15   17:1	# = 10242 /19,17:15 Start	DOY=1 Peak	Fnd times	Pointing	S31W88		Pitch=+500", Yaw	r=-836", Rol	]=0deg	H.Ang=86deg
17:22:18 17:22:46	al 17.00	17.15	17.42	HaClass=SF	N23W27	AR5321	Mac.=DAO	Carr.Lon.	=248deg	H.Ang≐38deg
Mavelength=1375A Code=00 Exp #=83062 Rast=Uscouns Step=0" Cad=1.02s Rast=110"x200" Step=5" Cad=1.02s Peak Rast=110"x200" Step=5" Cad=1.02s Rast=110"x200" Step=5" Pitch=+500" Peak Cod=1.02s Rast=0" Cad=1.02s Rast=0" Cad=1.02s Rast=0" Cad=1.02s Rast=0" Cad=1.02s Rast=110"x200" Step=5" Pitch=+534" P	17:22:10 16:34	17:22 17:24 17:24	17:22	Peakc/s=35 CaPeak.c/s=46	Qual=01 Qual= 1	Tot Cts=103 FePeak=17:23	MaxkeV=102 FePeak.c/s=8	#Peaks=3	dt= 3.8s	XEN=901907
D0Y=19 Peak End times  Qual=00 Qual=00 Qual=00 Qual=5 Rest=0".x0" Rast=0".x0" Step=0" Cad=1.02s Rast=0".x0" Step=0" Cad=1.02s Rast=265".x265" Step=5" Pitch=+500 Pitch=+500", Yaw=-836", Roll=0deg Rest=0:54 18:21:12 Peakc/s=48 Qual=01 Tot Cts=309 Rast=0".x0" Rest=0".x0" Rest=0".x0	17:01			<del>-</del>		Exp #=83062	Rast=0"x0" Rast=110"x200"	Step=0" Step=5"	Cad=1.02s Pitch=+504"	1.024s/pixel ,Yaw=-851"
18:09 18:16	# = 2230] /19,18:09 Start	DOY=1 Peak	End times							
Mavelength=1375A Exp #=83066 Rast=265"x265" Step=0" Cad=1.02s Rast=265"x265" Step=0" Cad=1.02s Step=0"	18:07	18:09	18:16	(.c/s=20	Qual=00 Qual= 5	FePeak=18:10	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=901908
D0Y=19  SMM Pointing: S31W88  Pitch=+500",Yaw=-836",Roll=Odeg  Pitch=+500",Yaw=-836",Roll=Odeg  Pitch=+500",Yaw=-836",Roll=Odeg  Rast=0.", Faw=-836", Roll=Odeg  Rast=0.", Roll=O	18:14			Wavelength=1375A			Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=+507"	1.024s/pixel ,Yaw=-823"
8:23	# = 10239 /19,18:23 Start	00Y=19	Fnd +imps	مّ	S31W88		Pitch=+500", Yaw	=-836", Rol		H.Ang=86deg
Rast=0"x0"	18:20 18:20:38 18:22	18:23 18:20 18:23	18:26 18:21:12 18:26		Qual=01 Qual=01 Qual= 4	Tot Cts=309 FePeak=18:22	MaxkeV=102 FePeak.c/s=8		dt= 7.7s	XEN=901909
	18:16			Wavelength=1375A	Code=00	Exp #=83067	Rast=0"x0" Rast=110"x200"		Cad=1.02s Pitch=+534"	1.024s/pixel ,Yaw=-851"

Event # = 10243	01-700		CMM Pointing:	S31W88		Pitch=+500", Yaw=-836"	-836", Roll	,Roll=Odeg H.Ang=86deg
9/01/19,21:7 0ES XRBS 21:40: VSP 21:39	Peak 21:40	End times 21:41:10	kc/s=37 elength=1375A	Qual=00 Qual=01	Tot Cts=96 Exp #=83076	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+509",Yaw=-851"
Event # = 22302 89/01/19,23:10 Start GOES BCS 23:09 FCS UVSP 23:09	DOY=19 Peak 23:10	End times 23:12	CaPeak.c/s=20 Wavelength=1375A	Qual=00 Qual= 4	FePeak=23:09 Exp #=83083	FePeak.c/s=6 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s XEN=901910 Cad=1.02s 1.024s/pixel Pitch=+507",Yaw=-823"
Event # = 22303 89/01/20,01:20 Start GOES 01:18 BCS 01:03 FCS 01:06	D0Y=20 Peak 01:20 01:18	End times 01:22 01:20	Importance=C3 CaPeak.c/s=42 Wavelength=1375A	99 0	FePe Exp	FePeak.c/s=9 Rast=0"x0" Rast=110"x200"	#Peaks=2 Step=0" Step=5"	dt= 7.7s XEN=902000 Cad=1.02s 1.024s/pixel Pitch=+559",Yaw=-851"
Event # = 22304 89/01/20,02:00 Start GOES BCS 02:00 FCS UVSP 01:57	4 D0Y=20 Peak 02:00	End times 02:41	CaPeak.c/s=58 Wavelength=1375A	Qua]=00 Qua]= 5	FePeak=02:01 Exp #=83097	FePeak.c/s=8 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s XEN=902001 Cad= 131s 0.512s/pixel Pitch=+507", Yaw=-823"
Event # = 10240 89/01/20,02:46 Start GOES 02:45 HXRBS 02:45:29 ECS 02:45 FCS UVSP 02:38	40 6 D0Y=20 Peak 02:46 29 02:45:4 02:46	End times 02:58 6 02:46:15 02:50	Importance=C3 Peakc/s=79 CaPeak.c/s=25 Wavelength=1375A	Qual=01 Qual=01 Qual= 1 A Code=00	Tot Cts=641 FePeak=02:46 Exp #=83102	MaxkeV=144 FePeak.c/s=7 Rast=240"x240" Rast=110"x200"	#Peaks=1 Step=15" Step=5"	dt= 7.7s XEN=902002 Cad= 131s 0.512s/pixel Pitch=+544", Yaw=-851"
Event # = 22305 89/01/20,04:17 Start GOES 04:13 BCS 04:15 FCS UVSP 04:13	15 DOY=20 Peak 04:17 04:18	End times 04:23 04:28	Importance=C5 Qual=O1 CaPeak.c/s=134 Qual= 1 Wavelength=1375A Code=O0	Qual=01 Qual= 1 A Code=00	FePeak=04:17 Exp #=83110	FePeak.c/s=25 Rast=240"x240" Rast=110"x200"	#Peaks=1 Step=15" Step=5"	dt= 3.8s XEN=902003 Cad= 131s 0.512s/pixel Pitch=+474", Yaw=-851"

Yaw≖-823"	XEN=902004 1.024s/pixe} ','Yaw=-651"	H.Ang=62deg ,Yaw≈-651"	H.Ang=61deg ,Yaw=-651"	H. Ang=47deg , Yaw=-651"	H.Ang=47deg  XEN=902005 0.256s/pixel ", Yaw=-651" XEN=902006 0.256s/pixel
Pitch=+507", Yaw=-823"	dt= 7.7s XE Cad=1.02s 1. Pitch=+379",	+379"	+379"	+379"	88 66 65 +379 7 7 5 68
Step=5"	#Peaks=1 Step=0" Step=0"	Carr.Lon.=267deg Step=0" Pitch=	Carr.Lon.=266deg Step=0"Pitch=	Carr.Lon.=243deg Step=0" Pitch=	Carr.Lon. Flags=SN, #Peaks=1 Step=0" Step=0" *Peaks=1 Step=0"
MaxkeV=230 Rast=265"x265"	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Mac.=EKC MaxkeV=102 Rast=180"x1"	Mac.=EKC MaxkeV=144 Rast=180"x1"	Mac.=CAO MaxkeV=102 Rast=180"x1"	Mac.=CAO MaxkeV=187 FePeak.c/s=1127 Rast=0"x0" Rast=180"x1" FePeak.c/s=7 Rast=0"x0"
Tot Cts=1890 Exp #=83119	FePeak=13:07 Exp #=83152	AR5317 Tot Cts=1091 Exp #=83154	AR5317 Tot Cts=5475 Exp #=83155	AR5321 Tot Cts=94 Exp #=83155	AR5321 Tot Cts=1.04E+5 FePeak=15:58 Exp #=83156 Event # = 22307 FePeak=16:14
Qual=02 Qual=01 Code=02	Qual=00 Qual= 1	N19W58 Qual=04 Qual=01 Code=01	N20W57 Qua]=04 Qua]=01	N28W34 Qual=02 Qual=01	-
Importance=C4 Peakc/s=101 Wavelength=1375A 11/1 245/240	CaPeak.c/s=30 Wavelength=2788A	HaClass=SF Importance=C6 Peakc/s=46 Wavelength=2788A	HaClass=SN Peakc/s=102 Wavelength=2788A	HaClass=1F PeakC/s=38 Wavelength=2788A 4995/71	HaClass=1F N28W34 Importance=M8 Qual=04 Peakc/s=1196 Qual=12 CaPeak.c/s=4743 Qual= 5 Wavelength=2788A Code=00 
End times 06:15 3 05:55:32 Intensity: Flux(sfu):	End times 13:17	End times 14:55 14:33:16	End times 15:13:16	d times:23:10	End times 17:06 16:02:07 116:14 (
DOY=20 Peak 06:02 05:54:43 Type/I	DOY=20 Peak 13:07	DOY=20 Peak 14:35 14:32:03	DOY=20 Peak 15:12:00	DOY=20 Peak En 15:23:02 15 :y(MHz)/Flux	DOY=20 Peak 15:58 15:58:41 15:58
# = 1024 20,06:02 Start 05:58 05:54:1 06:02 Sweeps Freque	# = 22306 /20,13:07 Start 12:54 12:43	Event # = 10244 89/01/20,14:35 Start Optical GOES 14:18 HXRBS 14:28:16 UVSP 14:18	Event # = 10245 89/01/20,15:12 Start Optical GOES HXRBS 15:09:30 UVSP 15:18	<u>.                                    </u>	Event # = 1024/ 89/01/20,15:58 Start Optical GOES 15:10 HXRBS 15:54:46 BCS 15:58 FCS 15:58 CS 15:58
Event # 89/01/20 GOES HXRBS UVSP Radio Sk	Event 89/01/ 60ES BCS FCS UVSP	Event # 89/01/20 0ptical 60ES HXRBS UVSP	Event 89/01/7	Event # 89/01/20 0ptical 60ES HXRBS I UVSP I Radio	89/01/ 89/01/ 0ptica 60ES HXRBS BCS FCS UVSP

i	1			ļ	
dt=7.7s XEN=902007 Cad=.26s 0.256s/pixel Pitch=+377", Yaw=-653"	Pitch=+379",Yaw=-651"	265deg H.Ang=63deg 129deg H.Ang=79deg Pitch=+379",Yaw=-651"	XEN=902008 0.512s/pixel 9", Yaw=-851"	Pitch=+507", Yaw=-823"	=0deg H.Ang=87deg 129deg H.Ang=78deg dt= 3.8s XEN=902009 Cad= 131s 0.512s/pixel Pitch=+507", Yaw=-823"
dt= 7.7s Cad=.26s Pitch=+377	Pitch=+379	=265deg =129deg Pitch=+379	dt= 7.7s X1 Cad= 131s 0 Pitch=+499",	Pitch=+50	<del>-</del> "
*Peaks=1 Step=0"	Step=0"	Carr.Lon.=265deg Carr.Lon.=129deg Step=0"Pitch=	#Peaks=1 Step=15" Step=5"	Step=5"	ii l
FePeak.c/s=6 Rast=0"x0"	MaxkeV=187 Rast=180"x1"	Mac.=EKC MaxkeV=144 Rast=180"x1"	FePeak.c/s=11 Rast=240"x240" Rast=110"x200"	MaxkeV=144 Rast=265"x265"	Pitch=+501", Yaw=-837",  MaxkeV=187 FePeak.c/s=11 #Peak: Rast=240"x240" Step= Rast=265"x265" Step=
Event # = 22308 FePeak=16:52	Tot Cts=9099 Exp #=83160	AR5317 AR5329 Tot Cts=388 Exp #=83161	FePeak=21:09 Exp #=83165	Tot Cts=99 Exp #=83170	AR5329 Tot Cts=807 FePeak=23:46 Exp #=83178
Associated   Qual= 5	Qual=00 Qual=01	N20W59 N16E77 Qual=00 Qual=01 A	Qual=01 Qual= 1 A Code=00	Qual=00 Qual=01	S31W90 N2OE75 Qual=05 Qual=01 Qual= 5
CaPeak.c/s=20	Peakc/s=66 Wavelength=2788A	HaClass=SF HaClass=SF PeakC/s=48 Wavelength=2788A 15400/53	Importance=C4 CaPeak.c/s=66 Wavelength=1375A	Peakc/s=49 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=C4 PeakC/s=122 CaPeak.c/s=39 Wavelength=1375A
16:54 C	End times 19:47:55	s 9 .	S	End times 5 22:10:13	End times 23:50 0 23:45:56 23:49
16:52	DOY=20 Peak 19:26:19	= 10249 '19:54 D0Y=20 tart Peak End time 9:54:01 19:54:32 19:55:4 9:59	DOY=20 Peak 21:04 21:07	DOY=20 Peak 1 22:10:06	1 D0Y=20 Peak 23:45 223:45 23:46
16:52	Event # = 10248 89/01/20,19:26 Start GOES HXRBS 19:24:26 UVSP 18:59	/20 /20 /20 /20 /20 /20 /20 /20 /20 /20	#2	t # = 10250 1/20,22:10 Start S 22:10:01 22:14	# = 1025 //20,23:45 Start :al :23:37 : 23:45:2 :23:46
BCS FCS UVSP	Event 89/01/ GOES HXRBS UVSP	Event 89/01/ 0ptica 0ptica 60ES HXRBS UVSP	Event 89/01, 60ES BCS FCS UVSP	Event 89/01/ GOES HXRBS UVSP	Event 89/01/ 89/01/ 0ptica GOES HXRBS HXRBS FCS FCS

1005				89/01/21	21 D0Y=21				
21,00:39 Start	_ D0Y=21 Peak	End times	SMM Pointing: s	S31W90		Pitch=+501", Ya	, Yaw=-837", Ro	Roll=Odeg	H.Ang=87deg
Optical Optical 60ES 00:37	ch.	00:41	HaClass=1F HaClass=SF Importance=C5		AR5329 AR5317	Mac.=DSO	Carr.Lon Carr.Lon	Carr.Lon.=133deg Carr.Lon.=266deg	H.Ang=74deg H.Ang=66deg
00:36:31 00:36	00:37:37	7 00:37:56 00:45	Peakc/s=106 CaPeak.c/s=75	Qual=01 Qual= 1	Tot Cts=406 FePeak=00:38	MaxkeV=102 FePeak.c/s=17			XFN=Q02100
00:29 Sweeps	Type/Inten	Intensity:	Wavelength=1375A II/1 III/1	4 Code=00	Exp #=83183	Rast=240"x240" Rast=110"x200"	Step=15" Step=5"		Cad= 131s 0.512s/pixel Pitch=+504", Yaw=-851"
vent # = 22310 9/01/21,02:19 Start 0ES 02:08 CS 02:10	DOY=21 Peak 02:19 02:18	End times 02:23	Importance=C5 CaPeak.c/s=25	Qual=03 Qual= 1	FePeak=02:13	FeDeak C/s=7			}
02:18	ı		Wavelength=1375A	Code=00	Exp #=83192	Rast=0"x0" Rast=265"x265"	Step=0 Step=5 Step=5	dt= /./s Cad=1.02s Pitch=+507"	<pre>AEN=902101 1.024s/pixel ", Yaw=-823"</pre>
: # = 22311 1/21,02:59 Start 02:50 03:05	D0Y=21 Peak 02:59 03:08	End times 03:35 03:20	Importance=C6 CaPeak.c/s=33	Qual=04 Qual= 1	FePeak=03:07	FePeak.c/s=9		4+= 7 70	N COCO
02:58	-	ı	Wavelength=2788A	Code=00	Exp #=83194	Rast=115"x115" Rast=243"x243"		Cad=1083s Pitch=-823	., Yaw=+408"
t # = 10255 1/21,03:46 Start	DOY=21 Peak	End times	SMM Pointing:	N22W66		Pitch=-830", Yaw	, Yaw=+395", Rol	, Roll=90deg	H.Ang=70deg
03:44 03:44:21	03:46 03:44:30	04:10 03:44:4	HaClass=SF Importance=C5 Peakc/s=47	N19E71 Qual=03 Qual=01	AR5329 Tot Cts=127	Mac.=DSO MaxkeV=102	Carr.Lon.=131deg	=131deg	H.Ang=74deg
06.30			wavelength=2/88A		Exp #=83194	Rast=243"x243"	Step=3″	Pitch=-823"	, Yaw=+408"
# = 22312 /21,04:54 Start	DOY=21 Peak	End times							
04:49	04:54	05:07	CaPeak.c/s=23	Qual=00 Qual= 4	FePeak=04:51	FePeak.c/s=7			XEN=002103
04:33			Wavelength=1375A		Exp #=83197	Rast=0"x0" Rast=30"x30"	Step=0" Step=10"	Cad=1.02s   Pitch=-376",	1.024s/pixel ',Yaw=-875"
_	_	End times	SMM Pointing:	N22W68		Pitch=-394", Yaw	, Yaw=-841", Roll	, Roll=Odeg	H.Ang=72deg
06:51 06:57:21 07:37	07:09 06:59:03	07:40 06:59:54	Importance=M1 Peakc/s=124 Wavelength=1375A	Qua]=02 Qua]=03	Tot Cts=5685 Exp #=83205	MaxkeV=144 Rast=265"x265"	Flags=EN Step=5"	Pitch=-385",	, Yaw=-832"

Event # = 10253 89/01/21.09:26	D0Y=21		SMM Pointing:	N22W70		Pitch=-391", Yaw=	, Yaw=-851", Roll=Odeg		H.Ang=74deg
Start OES XRBS 09:26: VSP 09:14	Peak 09:2	End times 09:26:43	Peakc/s=57 Wavelength=1375A	Qual=00 Qual≖01	Tot Cts=70 Exp #=83212	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-332",	, Yaw=-889"
Event # = 22313 89/01/21,09:52 Start GOES 09:45 BCS 09:51 FCS 09:51	DOY=21 Peak 09:52 09:51	End times 09:57 09:53	Importance=C4 CaPeak.c/s=33 Wavelength=1375A	Qual=01 Qual= 4 Code=00	FePeak=09:51 Exp #=83214	FePeak.c/s=10 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s X Cad=1.02s 1 Pitch=-362",	XEN=902104 1.024s/pixel ", Yaw=-890"
Event # = 22314 89/01/21,10:03 Start GOES 09:57 BCS 09:58 FCS 10:01	4 D0Y=21 Peak 10:03 10:03	End times 10:11 10:07	Importance=C4 CaPeak.c/s=103 Wavelength=2788A	Qual=01 Qual= 1 Code=00	FePeak=10:03 Exp #=83215	FePeak.c/s=22 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s X Cad= 131s C Pitch=-512",	XEN=902105 0.512s/pixel ", Yaw=-667"
Event # = 10254 89/01/21,11:38 Start GOES 11:35 HXRBS 11:35:52 UVSP 11:36	54 8 DOY=21 Peak 11:38 52 11:36:15	End times 11:48 11:40:25	SMM Pointing: Importance=C5 Peakc/s=169 Wavelength=2788A	S05W00 Qual=01 Qual=01 Code=00	Tot Cts=7152 Exp #=83217	Pitch=+0",Yaw=+ MaxkeV=144 Rast=180"x1"	, Yaw=+0", Roll=Odeg x1" Step=0" P	itch=+4",Y	H.Ang=Odeg ,Yaw=+5"
Event # = 10257 89/01/21,14:05 \$tart 60ES HXRBS 14:05:29 UVSP 13:43	DOY=21 Peak 14:05:	End times 37 14:05:59	SMM Pointing: Peakc/s=64 Wavelength=2788A	\$05W00 Qual=00 Qual=01	Tot Cts=262 Exp #=83220	Pitch=+0", Yaw=+ MaxkeV=102 Rast=180"x1"	, Yaw=+0", Roll=0deg /2 x1" Step=0" P	itch=+4"	H.Ang=Odeg ,Yaw=+5"
Event # = 10258 89/01/21,15:45 Start GOES 15:40 HXRBS 15:40:07 UVSP 15:16	DOY=21 Peak 15:45 15:44:3	End times 16:09 38 15:48:19	SMM Pointing: Importance=C8 Peakc/s=47 Wavelength=2788A	N22W73 Qual=01 Qual=01	Tot Cts=2241 Exp #=83222	Pitch=-387", Ya MaxkeV=102 Rast=180"x1"	,Yaw=-867",Ro " Step=0"	,Roll=Odeg	H.Ang=76deg
Event # = 10255 89/01/21,16:15 89/01/21,16:15 5tart Optical 60ES 16:10 HXRBS 16:10:5 BCS 15:41 FCS 15:41	59 500Y=21 6115 16:15 16:11:	End times 16:30 29 16:12:04 16:21	SMM Pointing:  HaClass=SF Importance=C8 Peakc/s=67 Capeak.c/s=155 Wavelength=2788A	N22W73 N18E65 Qual=03 Qual=10 Qual= 1	AR5329 Tot Cts=649 FePeak=16:15 Exp #=83223	Pitch=-387", Yaw Mac.=DS0 MaxkeV=102 FePeak.c/s=29 Rast=240"x240" Rast=180"x1"	=-867" Carr. #Peak Step= Step=	,Roll=Odeg H. Lon.=130deg H. s=2 dt= 7.7s XI 15" Cad= 131s 0 0" Pitch=-382",	H.Ang=76deg H.Ang=68deg XEN=902106 0.512s/pixe1 ", Yaw=-864"

	en:								
17 00 00 17 19 19 19 19 19 19 19 19 19 19 19 19 19	:09 17			0ua]=00					
nt # = 10260 01/21,19:04 DOY Start Pea S 19:00 BS 19:00:09 19: P 19:25		':27	CaPeak.c/s=63	Qual= 1	FePeak=17:07	FePeak.c/s=10 Rast=240"x240"	#Peaks=1 Step=15"		dt= 3.8s XEN=902107 Cad= 131s 0.512s/pixel
10.7 = 10.250 01/21,19:04 DOY 19:04 DOY 19:06 19:06 19:25 19:25	to the second se		. 1		LAP #-03624	IX08T=18px			", Yaw=-865"
S 19:00 19: 3S 19:00:09 19: 19:25	_	t impo	SMM Pointing:	N22W74		Pitch=-385", Yaw	, Yaw=-871", Roll=0deg	]=0deg	H. Ana=77dea
	23	19:17 19:02:19	Importance=C9 Peakc/s=71 Wavelength=2788A	Qual=01 Qual=01 A	Tot Cts=1346 Exp #=83227	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-250'	Pitch=-250", Yaw=-871"
it # = 10261 11/21,19:20 DOY Start Pea	_ <u>.</u>	d times	SMM Pointing:	N22W74		Pitch=-385", Yaw=-871", Roll=Odeq	=-871", Rol	]=0deg	H.Ana=77dea
GOES 19:17 19:20 HXRBS 19:15:24 19:16: UVSP 19:25	44 15	31 18:31	Importance=M1 Peakc/s=309 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=6845 Exn #=83227	MaxkeV=144		· -	
HXRBS 19:22:39 19:22:	41 19	:23:21	Peakc/s=46	Associated Qual=01		MaxkeV=102	Step=0"	Pitch=-250" 	, Yaw=-871" 
# = 10263 /21,20:16 Start		0	SMM Pointing:	N22W74		Pitch=-385", Yaw=-871". Roll=Oden	871".Roll	=0den	H Ann=77deg
GOES 20:15 20:16 HXRBS 20:14:43 20:15: BCS 20:04 20:17	16 20:40 15:05 20:16: 17 20:44	49	Importance=C8 Peakc/s=495 CaPeak.c/s=193	Qual=01 Qual=01 Qual= 1	Tot Cts=4901 FePeak=20:16	MaxkeV=230		ı	6an / / − 6av · · ·
20:13		-3	Wavelength=1375A			Rast=240"x240" Rast=30"x30"	*reaks=z Step=15" Step=10"	at= /./s Cad= 131s Pitch=-345"	XEN=902109 0.512s/pixel ".Yaw=-901"
<pre>vent # = 22316 i9/01/21,21:39</pre>	=21 < End	times	HaClass=SF	00-1-1-1	AR5317				
21:38 21:3	9 22	:32 C	CaPeak.c/s=82	Qual= 5	FePeak=21:39			dt= 3.8s )	(FN=902110
21:39		3	Wavelength=1375A		Exp #=83234	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 131s ( Pitch=-375",	Cad= 131s 0.512s/pixel Pitch=-375", Yaw=-867"
# = 10264 /21,22:23 Start	End	times	SMM Pointing:	N22W76		Pitch=-382", Yaw=-881", Roll=Odeg	-881", Roll:		H. Ang=79deg
GOES 22:13 22:23 HXRBS 22:22:53 22:23: UVSP 22:14	22 : 03 22 :	3:13	Importance=Ml Peakc/s=54 Wavelength=1375A	Qua]=01 Qua]=01 Code=00	Tot Cts=114 Exp #=83238	MaxkeV=102 Rast=30"x30"	Step=10" F	=-493"	

				89/01/22	DOY=22				
2.6	5 DOY=22	1	SMM Pointing:	N22W76		Pitch=-382", Yaw=-881", Roll=Odeg	881", Roll		H.Ang=79deg
Start GOES 01:33 HXRBS 01:32:20 BCS 01:33	Peak 01:37 01:33:2 01:36	End times 01:46 0 01:33:58 01:43	Importance=C5 (Peakc/s=68 (CaPeak.c/s=128 (	Qual=01 Qual=01 Qual= 1	Tot Cts=1364 FePeak=01:34	MaxkeV=102 FePeak.c/s=29 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 131s	dt= 3.8s XEN=902200 (cad= 131s 0.512s/pixel
UVSP 01:39			Wavelength=2788A (	Code=02	Exp #=83242	1	i i	P1 CCN=-245	, TdW=-002
Event # = 1026 89/01/22,03:03	6 D0Y=22		SMM Pointing:	N22W76		Pitch=-382",Yaw=-881"	=-881",Roll	',Roll=Odeg	H.Ang=79deg
Start GOES 02:55 HXRBS 02:54:34 UVSP 03:13 Radio Frequenc	Peak 03:03 4 02:55:3 :ncy(MHz)/	rt Peak End times 55 03:03 03:21 54:34 02:55:30 03:01:22 13 equency(MHz)/Flux(sfu):	Importance=M1 Peakc/s=321 Wavelength=2788A 245/52	Qual=01 Qual=01	Tot Cts=10627 Exp #=83244	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=-244	Pitch=-244",Yaw=-885"
Event # = 1026	~		SMM Pointing:	N22W80		Pitch=-378", Yaw	, Yaw=-891", Rol	,Roll=Odeg	H.Ang≃82deg
Start	Peak	End times	HaClass=1F	N14E63			Carr.Lon.=126deg	=126deg	H.Ang≃65deg
GGES 04:10 HXRBS 04:11:07 UVSP 03:58	04:11 04:11:	04:32 33 04:11:57	Importance=C2 Peakc/s=49 wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=178 Exp #=83246	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-338"	", Yaw=-906"
Event # = 10268 89/01/22,11:01	381 1 DOY=22	+	SMM Pointing:	N22W80		Pitch=-378", Yaw	,Yaw=-891",Roll=Odeg	]=0deg	H.Ang=82deg
Start GOES HXRBS 11:01:4 UVSP 11:00	Реак 11:01	:50 11:01:55	Peakc/s=39 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=65 Exp #=83284	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-238"	", Yaw=-894"
Event # = 10269 89/01/22,11:04	69 4 DOY=22		SMM Pointing:	N22W80		Pitch=-378",Yaw	, Yaw=-891", Roll≖Odeg	]=0deg	H.Ang=82deg
Start GOES HXRBS 11:04:27 UVSP 11:00	Реак 27 11:04:36	Enu 11:0	Peakc/s=41 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=137 Exp #=83284	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-238	Pitch=-238", Yaw=-894"
# = 223 /22,13:0 Start	17 5 DOY=22 Peak	End times		NOOEOO	AD5324	XS H= " Oe E	Carr.Lon.=155deg	=155deg	H.Ang=39deg
Optical GOES 12:43 BCS 13:14	13:05 13:14	13:45 13:18	HaCldss=Sr Importance=M2 CaPeak.c/s=28	Qual=05 Qual= 5	FePe	FePeak.c/s=6 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s XI Cad=1.02s 1	XEN=902201 1.024s/pixel
13 0	ency(MHz)	:07 requency(MHz)/Flux(sfu):	Wavelength=2788A 606/91 4995/52	Code=02	Exp #=83287	Rast=180"x1"	Step=0"		6", Yaw=-896"

Har.   Classes   Miles   Miles   Miles   Miles   Miles   Manage   Mana	Event # = 10270 89/01/22,13:52 Start	0 D0Y=22 Peak	Fnd time	SMM Pointing:	N22W84		Pitch=-371", Ya	, Yaw=-901", Roll=Odeg	1]=0deq	H. Ang=86deo
13:49:05 13:50:20 PeakC/s=81 Qual=01 Toc Cts=4073 Fakev=102  13:49:07 13:50:20 PeakC/s=88 Qual=1 FePeak=13:48 Fast=180°x1" Step=10" Pitch=-235  DOV=22 Fact times SMM Pointing: N22M84 Pointing: N22M84 Pointing: N22M84 Pointing: N22M84 Pointing: N22M84 Pointing: N22M84 Pointing: N22M85 Qual=01 Toc Cts=111 Maxev=102  DOV=22 Fact times SMM Pointing: N22M85 Pointing: N35:00 21:35:25 PoakC/s=51 Qual=01 Toc Cts=171 Maxev=102  22:37 22:59 CaPeakC/s=53 Qual=01 Exp #=83310 Maxev=102  DOV=22 Fact times Mavelength=1375A Code=01 Exp #=83311 Rast=265"X260" Step=5" Pitch=-340" Pointing: N22M85 Poi	2a] 2a] 13:45	13:52	14:08	Ha. Ha.	N20W88 S16W69 N16E51 Oual=03	AR5317 AR5332 AR5329		Carr.Lon. Carr.Lon. Carr.Lon.	=271deg =252deg	H.Ang=60deg H.Ang=68deg H.Ang=55deg
10272   10372   1049c length=2788A   Exp #=8328B   Raisi=180"xI"   Siep-0"   Pitch=-2255   10274   10456   15   13   1040c tance=5   Qual=01   Tot Cts=201   MaxkeV=102   MaxkeV=103   Ma	13:45: 13:45		13:5 14:0	Peak. CaPea		Tot Cts=4073 FePeak=13:48	MaxkeV=102 FePeak.c/s=104 Rast=240"x240"		dt= 3.8s	XEN=902202
15:00   15:13   1   1   1   1   1   1   1   1   1	14:0/		97.68	ave		Exp #=83288	Rast=180"x1"		Pitch=-235	", Yaw=-897"
14:58:02   14:58:27   Peakc/s=10   Qual=04   Qual=04   Qual=05   Qual=05   Qual=05   Qual=06   Exp #=83289   Pitch=180"x1"   Step=0"   Pitch=-230   Pitch=-230   Pitch=230   Pitch=23	~ ``	DOY=2 Peak	t ime	SMM Pointing	N22W84		Pitch=-371", Yaw	/=-901", Ro]	]=0deg	H. Ang=86deg
DOY=22   DOY=22		15:00 14:58	15:13 14:58:27	Importance=C5 Peakc/s=41 Wavelength=2788	Qual=04 Qual=01 Code=01	Tot Exp				
DOY=22   Peak	14:56	14:56:1	14:56:2	Peakc/s=52	ssociated Qual=01	Ever Tot	MaxkeV=102	) i		, TdW=-099
21:35:00 21:35:25 Peakc/s=51 Qual=00	# = 1027 /22,21:35 Start	DOY=2 Peak	time	SMM Pointing	N22W85		Pitch=-364", Yaw	=-905", Rol	]=0deg	H.Ang≂87deg
DOY=22  22:17  23:06	21:34:37 21:27	21:35	21:35:2	c/s=51  ength=1375			MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-340"	, Yaw≈-919"
22:37 23:06 Importance=C9 Qual=O5 GaPeak.c/s=137 Qual=O5 GaPeak.c/s=137 Qual=O5 GaPeak.c/s=137 Qual=O5 GaPeak.c/s=137 Qual=O5 GaPeak.c/s=137 Qual=O1 Exp #=83311 Rast=265"x265" Step=15" Cad= 131s Rast=265"x265" Step=15" Cad= 131s Rast=265"x265" Step=15" Cad= 131s Peak Gual=O1 Tot Cts=120 MaxkeV=102 MaxeV=102 Mayelength=1375A Qual=O1 Exp #=83313 Rast=110"x200" Step=5" Pitch=-345" Pitch=-345" Peak GaPeak.c/s=41 Qual=O1 Rast=240"x240" Step=5" Pitch=-345" Pitch=-345" Peak GaPeak.c/s=41 Qual=O1 Rast=240"x240" Step=5" Pitch=-345" Rast=110"x200" Step=5" Pitch=-345" Rast=110"x200" Step=5" Pitch=-330" Rast=110"x200" Rast=110"x200" Rast=110"x200" Rast=130" Pitch=-330" Rast=130" Rast=110"x200" Rast=110"x200" Rast=110"x200" Rast=130" Rast=130" Rast=110"x200" Rast=130" Rast=130" Rast=110"x200" Rast=130" Rast=	# = 22318 /22,22:17 Start	DOY=2 Peak	time							
22:07 # = 10274  # = 10274  22,22:43	22:0 22:3	.: ::	23:06 22:59	HaClass=SN Importance=C9 CaPeak.c/s=137	N16E46 Qual=05		Mac.=DSI	-		H.Ang≕50deg
DOY=22 Peak End times 22:43:42 22:43:57 Peakc/s=44 Qual=01 DOY=22  DOY=22  Mavelength=1375A Code=00 Exp #=83317 Peak End times  Qual=01 Exp #=83313 Pitch=-364", Yaw=-905", Roll=0deg  Raskev=102 R	22:07			Wavelength=1375A	Code=01	#=83311	rereak.c/s=9 Rast=240"x240" Rast=265"x265"		dt= 3.8s Cad= 131s Pitch=-357"	XEN=902203 0.512s/pixel ',Yaw=-891"
22:43:42 22:43:57 Peakc/s=44 Qual=01 Tot Cts=120 MaxkeV=102 Wavelength=1375A Exp #=83313 Rast=110"x200" Step=5" Pitch=-345  D0Y=22 D0Y=22 23:23 23:32 Importance=C3 Qual=01 23:26 23:30 CaPeak.c/s=41 Qual= 3 FePeak=23:24 FePeak.c/s=14 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 131s Wavelength=1375A Code=00 Exp #=83317 Rast=240"x200" Step=5" Pitch=-330	= 1027 2,22:43 Start	D0Y=22 Peak	time	Pointing	N22W85		Pitch=-364", Yaw:	8		H.Ang≈87deg
D0Y=22 Peak End times 23:23 23:32 Importance=C3 Qual=01 23:26 23:30 CaPeak.c/s=41 Qual= 3 FePeak=23:24 FePeak.c/s=14 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 131s Wavelength=1375A Code=00 Exp #=83317 Rast=110"x200" Step=5" Pitch=-330"	22: <b>43</b> :32 22:40	22:43:4	:43	c/s=44 ength=1375A	Qual=00 Qual=01	Tot Cts=120 Exp #=83313	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-345",	, Yaw=-919"
3:19	# = 22319 22,23:23 Start 23:21 23:23	DOY=2 Peak 23:23 23:26	End times 23:32 23:30	mportance=C3 aPeak.c/s=41	Qual=01 Qual= 3			1	dt= 7.7s x	(EN=902204
	3:1			avelength=1375A		#=83317			Cad= 131s 0 Pitch=-330",	).512s/pixel Yaw=-919"

89/01/23 0122 0130 09423					89/01/23	D0Y=23				
10.55   10.122   10.150   10	vent $\# = 1027$	\ = \ 0	8	Pointing:	122W85		Pitch=-364",Yaw=	905", Roll=		.Ang=87deg
The color of the	Start	eak End	w	Class=1N	116E47 130E23	AR5329	Mac.=EAI	Carr.Lon.=] Carr.Lon.=]		.Ang=51deg .Ang=42deg
25.0240 boy-23	int.	01:22 01:50 00:57:22 01:02 Type/Intensi	:28 ty:	.ance=M2 .c/s=69 ingth=1375A	a. <del></del>	ot Cts=4695 :xp #=83326	MaxkeV=102 Rast=265"x265"		Pitch=-357",	Yaw=-891"
1.56   1.56	vent # = 1027	1		Pointing:	V21W85		Pitch=-363", Yaw	905", Roll		I. Ang≠87deg
02:05:09 02:025 02:04 02:33   Importance=10 dual=01   Tot Cts=1174   Maxkel=102   Rast=110 "X200" Step=5" Pitch=-345", Yaw=-919"   Rast=110 "X200" Step=5" Pitch=-345", Yaw=-5149   Rast=130" "Xaw=-5140   Rast=0.70" Pitch=-345", Yaw=-5140   Rast=0.70" Pitch=-345", Yaw=-5140   Rast=0.70" Pitch=-345", Yaw=-540" Pitch=-345", Yaw=-540" Pitch=-345", Yaw=-540" Pitch=-345", Yaw=-540" Pitch=-345", Yaw=-540" Pitch=-345", Yaw=-540" Pitch=-3450", Yaw=-540" Pitch=-3450" Pitch=-3450", Yaw=-540" Pitch=-3450", Yaw=-540"	09/01/23,02:07 Start Ontical	Peak End	шes	Class=1F	V16E46	AR5329	Mac.=EAI	Carr.Lon.=		I.Ang=50deg
01:56:40 01:51:00 01:51:9 Peak(/s=55				tance=M1 c/s=62 ength=137	Qual=01 Qual=01 Code=02	Tot Cts=1174 Exp #=83330		1	Pitch=-345"	1
01:56.40 01:56.48 01:56:56 Perkc/s=7 qual=01 Tot Cts=248 Rast=110"x200m Step=5" Pitch=-345" 01:56:40 01:56:40 01:56:56 Perkc/s=7 qual=01 Tot Cts=248 Rast=110"x200m Step=5" Pitch=-345" 01:45 02:28 02:28:39 03:34 03:49 02:28:39 02:28:28 02:28:39 02:28:39 02:28:39 02:28:39 02:28		01:51:00 01:51	•		Qual=01	Tot Cts=134 Exp #=83328		Step=5"	=	ا <u>-</u>
# = 10279   DOY-23   DOY-23   SMM Pointing:   N21W85   Pitch=-363", Yaw=-905", Roll=0deg   Start   Peak		51:56:48 01:5		As Peakc/s=87 Wavelength=1375A	sociated Qual=01	Event # = 102/8 Tot Cts=248 Exp #=83328		Step=5"	-345"	, үаw=-919"
Start Peak End times  02:28:35 02:28:39 02:28:39 Peakc/s=63 Qual=01 Tot Cts=209 Paxev=102  02:23	vent # = 1027 9/01/23,02:28	D0Y=23		۵.	N21W85		Pitch=-363", Yaw	=-905", Roll	=0deg	H.Ang=87deg
# = 10280 23,03:31 D0Y=23 End times SMM Pointing: N1/E46 Start D3:29 D03:31 D0Y=23 Start D3:29 D03:31 D0Y=23 End times SMM Pointing: N1/E46 D3:29 D3:31 D3:29:43 D3:30 D3:3	Start 02:28:3 02:23	Peak End 02:28:39 02:2	times 8:59	c/s=63  ength=1375A	Qual=00 Qual=01	Tot Cts=209 Exp #=83332	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-335"	, Yaw=_
Start Peak End times   33.29    43.329    503:34	Event # = 1028 89/01/23,03:31	D0Y=23		Pointing	N17E46		Pitch=-352", Yaw	/=+670",Roll	l=0deg	H.Ang=51deg
# = 10281 Start Peak End times	Start GOES 03:29 HXRBS 03:29:4 BCS 03:15 FCS 03:07	Peak 03:31 03:29:45 03:36		tance=C4 c/s=45 ak.c/s=43 length=2788A	Qual=01 Qual=01 Qual= 5	Tot Cts=161 FePeak=03:36 Exp #=83334	MaxkeV=102 FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-217"	XEN=902300 1.024s/pixel ,Yaw=+676"
Start Peak End times  043:43:36 03:43:54 Peakc/s=45 Qual=01 Tot Cts=103 MaxkeV=102  03:43:36 03:43:54 Peakc/s=45 Qual=01 Tot Cts=103 MaxkeV=102  Exp #=83335 Rast=180"x1" Step=0" Pitch=-218  # = 22320  23,04:06 D0Y=23  Start Peak End times  04:07 Qual=00 Tot Cts=103 MaxkeV=102  Rast=180"x1" Step=0" Pitch=-218  04:07 Wavelength=2788A Exp #=83335 Rast=180"x1" Step=0" Pitch=-218	1 - 3 -	D0Y=23		Pointing	N17E46		Pitch=-352", Ya	w=+670", Rol	]≖0deg	H.Ang=51deg
# = 22320 1/23,04:06 D0Y=23 Start Peak End times Qual=00 03:52 04:06 04:13 CaPeak.c/s=30 Qual=1 FePeak=04:06 FePeak.c/s=7 #Peaks=1 dt= 7.7s 03:52 04:06 04:13 CaPeak.c/s=30 Qual=1 FePeak=04:06 FePeak.c/s=7 #Peaks=1 dt= 7.7s 04:07 Wavelength=2788A Exp #=83335 Rast=180"x1" Step=0" Pitch=-218		Peak 03:43:50 03:4	3:54	Peakc/s=45 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=103 Exp #=83335	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-218	', Yaw=+594"
04:07 Wavelength=2788A Exp #=83335 Rast=180"x1" Step=0" Pitch=-218	Event # = 2233 89/01/23,04:06 60ES 8CS 03:52	D0Y=23 Peak End 04:06 04:1	times 13	aPe	Qual=00 Qual= 1	FePeak=04:06	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=902301 1.024s/pixel
	04			Wavelength=2788A		Exp #=83335	Rast=180"x1"	Step=0"	Pitch=-218	, Yaw=+594

- # + word	Co			89/01/24	24 D0Y=24	The state of the s		
89/01/24 18:5								
Start	Peak	End time	ב בי	S06W00		Pitch=+1", Yaw=-1", Roll=Odeg	1", Roll=Odeg	H.Ang=Odeg
Optical GOES			HaClass=SF	N16E21	AR5329	Mac.=FKI	Carr.Lon.=133deg	H.Ang=30deg
HXRBS 18:55:32	18:55	:47 18:56:40	Peakc/s=46	Qual=00	Tot Cts=389	MaxkeV=102	•	) )
Event # = 10286 89/01/24,21:43 Start	86 3 D0Y=24 Peak	End times	SMM Pointing:			Pitch=+3", Yaw=	, Yaw=+983", Roll=0deg	
Optical GOES			Code	\$24E90			Carr.Lon.=63deg	H_Ann=88den
HXRBS 21:43:0 Radio Frequ	08 21:43: ency(MHz),	21:43:08 21:43:13 21:43:58 Frequency(MHz)/Flux(sfu):	Peakc/s=42 245/320	Qual=00 Qual=01	Tot Cts=138	MaxkeV=102		5000 5000
Event # = 10284 89/01/24,23:10 Start	84 0 D0Y=24 Peak	End times	SMM Pointing:	N17E22		Pitch=-373", Yaw	Pitch=-373", Yaw=+347", Roll=Odeg	H.Ang=31deg
Optical GOES 23:00	23:10	23:1			AR5329	Mac.=EKI	Carr.Lon.=131deg	H.Ang=31deg
HXRBS 23:00:41 BCS 22:55 ECS	41 23:04:51 23:06	51 23:13:41 23:46	Peakc/s=239 CaPeak.c/s=620	Qual=01 Qual= 7	Tot Cts=18073 FePeak=23:06	MaxkeV=144 FePeak.c/s=157	#Deakc=1	
veeps		Intens	m			Rast=240"x240"	Step=10" Cad= 590s	1.024s/pixel
BCS 23:46 FCS 23:46	23:46	23:47	CaPeak.c/s=23	Associated Qual= 5	Event # = 22321 FePeak=23:46	FePeak.c/s=2 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad=3840s	
Event # = 10285 89/01/24,23:32 Start	35 2 DOY=24 Peak	Fnd +impo	SMM Pointing:	N17E22		Pitch=-373", Yaw		- 1
GOES 23:29 HXRBS 23:28:2	23:32 1 23:30:49	23:41 23:31:52	Importance=C9 Peakc/s=61	Qual=01 Qual=01	Tot Cts=1730	MaxkeV=102		
Fvent # = 1000				89/01/25	5 D0Y=25			
89/01/25,01:05 Start	, D0Y=25 Peak	End times	SMM Pointing:	N17E21	l	Pitch=-375", Yaw	Pitch=-375", Yaw=+337", Roll=Odeg	H.Ang=31deg
GOES HXRBS 01:05:00	0 01:05:11	1 01:05:18	Peakc/s=102	Qual=00 Qual=01	Tot Cts=317	MaxkeV=102		
Event # = 10288 89/01/25,02:53 Start	8 D0Y=25 Peak	End times	SMM Pointing:	N17E20		Pitch=-375", Yaw	Pitch=-375", Yaw=+325", Roll=Odeg	H.Ang=31deg
GOES HXRBS 02:53:1	02:53:2	8 02:53:48	Peakc/s=42	Qual=00 Qual=01	Tot Cts=139	MaxkeV=102		,
Event # = 22322 89/01/25,05:41 Start	2 D0Y=25 Peak	Fnd times						
60ES BCS 05:34 FCS	05:41	05:47	CaPeak.c/s=25	Qua]=00 Qua]= 4	FePeak=05:34	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad=1.02s	XEN=902500 1.024s/pixel

ı	I	+				
XEN=902501 1.024s/pixel	H.Ang=35deg XEN=902502 1.024s/pixel	H.Ang≈29deg H.Ang≈88deg	H.Ang=28deg	H.Ang=28deg	XEN=902503 1.024s/pixel	H.Ang=28deg
dt= 3.8s Cad= 328s	Carr.Lon.=130deg #Peaks=1 dt= 3.8s Step=10" Cad= 332s	+286",Roll=Odeg Carr.Lon.=58deg Flags=I	oll=Odeg	oll=0deg	1 dt= 7.7s Cad=1.02s	toll=0deg
#Peaks=1 Step=15"	Carr.Lon. #Peaks=1 Step=10"	/=+286", Ro Carr. Lon Flags=I	w=+272", Rc Flags=I	w=+259", Ro	#Peaks=1 Step=0"	iw=+246", R
FePeak.c/s=15 Rast=300"x240"	Mac.=FKI FePeak.c/s=18 Rast=180"x180"	Pitch=-377", Yaw=+286", Roll=Odeg Mac.=DAI Carr.Lon.=58deg MaxkeV=187 Flags=I	Pitch=-377", Yaw=+272", Roll=Odeg MaxkeV=102 Flags=I	Pitch=-377",Yaw=+259",Roll=Odeg MaxkeV=102	FePeak.c/s=7 Rast=0"x0"	Pitch=-378",Yaw=+246",Roll=Odeg MaxkeV=102
FePeak=05:57	AR5329 FePeak=06:51	AR5334 Tot Cts=6910	Tot Cts=231	Tot Cts=299	FePeak=10:29	Tot Cts=338
Qual=01 Qual= 1	N25E18 Qual=01 Qual= 1	N17E18 S24E90 Qual=01 Qual=01	N17E17 Qual=01 Qual=01	N17E16 Qual=01 Qual=01	Qual=01 Qual= 4	N17E15 Qual=01 Qual=01
Importance=C3 CaPeak.c/s=83 III/1	HaClass=SF Importance=C4 CaPeak.c/s=100	SMM Pointing: HaClass=SF Importance=C8 Peakc/s=136	SMM Pointing: Importance=C2 Peakc/s=48 245/620 410/190	SMM Pointing: Importance=C2 Peakc/s=58 245/600	Importance=C2 CaPeak.c/s=24	SMM Pointing: Importance=C3 Peakc/s=49
Y=25 ak :57	End times 07:10 07:05	End times 07:22 07:12:54	Event # = 11285 89/01/25,09:11 DOY=25 Start Peak End times GOES 09:09 09:11 09:15 HXRBS 09:09:08 09:09:30 09:10:00 Radio Frequency(MHz)/Flux(sfu):	nt # = 10289 01/25,10:09 D0Y=25 Start Peak End times S 10:06 10:09 10:12 BS 10:07:29 10:07:38 10:07:52 P io Frequency(MHz)/Flux(sfu): 2	End times 10:40 10:33	End times 11:46 3 11:39:52
DOY=25 Peak 05:57 05:57 Type/It	DOY=25 Peak 06:55 06:52	DOY=25 Peak 07:13 07:10:16	D0Y=25 Peak 09:11 09:09:30 cy (MHz)/F	DOY=25 Peak 10:09 10:07:38	5 D0Y=25 Peak 10:30 10:29	DOY=25 Peak 11:41 11:39:3
t # = 22323 1/25,05:57 Start 05:52 05:55	Event # = 22324 89/01/25,06:55   0ptical GOES 06:43 ECS 06:49	Event # = 10292 89/01/25,07:13 Start Optical GOES 07:10 HXRBS 07:08:46	# = 11285 /25,09:11 Start 09:09 09:09 Frequen	# = 10285 /25,10:09 Start 10:06 10:07:29 Frequen	# = 2232 /25,10:30 Start 10:20 10:29	t # = 10290 1/25,11:41 Start 11:37 S 11:38:28
Event 89/01/389/01/28 BCS FCS Radio	Event 89/01/3	Event # 89/01/29 0ptical GOES (HXRBS (	Event 89/01, GOES HXRBS Radio	Event 89/01/ GOES HXRBS Radio	Event 89/01, 60ES BCS FCS	Event 89/01, GOES HXRBS

ptical OES 13:19 13:22 CS 13:19 13:19 CS 13:19 13:19 CS 13:19 13:19 CS 13:19 13:19 ES 14:49 15:07 CS 14:49 16:07 CS 14:49 CS 14:4	Event # = 22326 89/01/25,13:22	6	and the second							
13:19   13:22   13:28	) Legital	Peak	time	••	!					
Febrak   13.13   13.13   13.23   Caleak   C5s   33   Quais   Febrak   13.14   Febrak   13.24   Febrak   Febrak   13.24   Febrak	0ES 13:1	3:2	3.0	HaClass=SF Importance=C2	N12E17 Qual=01		Mac.≖FKI	Carr.Lon	.=127deg	H.Ang=24deg
1/55   500   100	ss S	13:1	7	CaPeak.c/s=33	Qual= 4	FePeak=13:1	FePeak.c/s=13 Rast=0"x0"	#Peaks=1 Step=0"	<pre>dt= 7.7s Cad=1.02</pre>	XEN=902504 1.024s/pixel
14.49   15.07   16.28   Ha(758-57   Gual-07   Tot Css-5789   Haxev-230   Flags-M0   Fleeks-2   Gar-1.00.=100deg   H.Ang-67deg   14.49   15.50   16.15   Fleeks-1.07   Tot Css-5789   Haxev-230   Flags-M0   Fleeks-2   Gar-1.07   Step-07   Step-	* 200	DOY=2 Peak	t ime	SMM Pointing	N17E14		Pitch=-378", Ya	IW=+224", Ro	11=0deg	H.Ang=27deg
14.48   14.4		15:07	16:28	HaClass=SN Importance=M2			Mac.=FAI	Carr.Lon.	.=100deg	H.Ang=47deg
Frequency (HHz)/Flux(\$fu);   Talk2:0.05 2655/300 4995/340 8800/350 15400/205		14:54 15:20	15:19:48 15:35	Peakc/s=647 CaPeak.c/s=54		Tot Cts=59789 FePeak=15:20	Maxkev=230 FePeak.c/s=7	Flags=ND #Peaks=2		X FN=Q02505
16:08   16:09   16:15   CaPeak.c/s=26   Quai=4   FePeak=16:08   FePeak.c/s=7   FePeaks=1   dt=7.7s   KEH=902506     16:08   16:15   CaPeak.c/s=26   Quai=4   FePeak=16:08   Rast=0.x0"   Step=0"   Cad=1.02s   1.024s/pixe      17:35.17:40   D0%=25   SMM Pointing: NIZE12   NIZE12   Pitch=-380", Yaw=+192", Roll=0deg   H.Ang=26deg     17:35   17:40   18:00   Importance=C8   Quai=03   Tot cts=9090   Maxkev=230   Flags=ND   H.Ang=26deg     17:35   11   7:39:01   7:40:11   Peakc/s=145   Quai=03   Tot cts=9090   Maxkev=230   Flags=ND   H.Ang=26deg     19:14   19:17   19:41   CaPeak.c/s=29   Quai=0   Ans329   Mac.=FKI   Carr.Lon.=123deg   H.Ang=26deg     19:14   19:17   19:41   CaPeak.c/s=29   Quai=0   Ans329   Mac.=FKI   Carr.Lon.=123deg   H.Ang=26deg     19:14   19:17   19:41   CaPeak.c/s=29   Quai=4   FePeak=13:12   FePeak.c/s=7   FePeak.c/s=7   FePeak.c/s=9     21:03   21:13   21:25   CaPeak.c/s=26   Quai=0   Ans329   Pac.=FKI   Carr.Lon.=129deg   H.Ang=25deg     22:03   21:13   21:25   CaPeak.c/s=26   Quai=0   Anskev=137   Anskev=	- 1	ncy(MHz)/	(sfu):	1415/280 2695/3	00 4995/34 Associated	15400	Rast=0"x0" /230	Step=0"	Cad=35.8	35.84s/pixel
17.55   17.40   1001-25   1001-25   17.40   17.51   17.395   17.40   17.51   17.395   17.40   17.51   17.395   17.40   17.51   17.395   17.40   17.51   17.395   17.40   17.51   17.395   17.40   17.51   17.395   17.40   17.50   1	- 1	10	6:1	aPeak.c/s=26	Qua]= 4	FePeak=16:08	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	
17:37:11   17:39:01   17:40   18:00	0.0	D0Y=2		Pointing	N17E12		Di+Ch=_380" V2	100 001		
# = 22329    17:37:11   17:39:01   17:40:11	Start DES 17:35		d time	_mnortance=Cα	0.1-0		d ' 000 - 100 - 1	10X, 261+-W	ı =∪aeg	H.Ang=26deg
# = 22329   25,19:17   Peak   End times     19:14   19:17   19:41   CaPeak.c/s=-29   Qual=0     19:14   19:17   19:41   CaPeak.c/s=-40   CaPeak.c/s=-47   Peaks=1   CaPeak.c/s=-80     19:14   19:17   19:41   CaPeak.c/s=-20   CaPeak.c/s=-20     19:14   19:17   CaPeak.c/s=-20   CaPeak.c/s=-20   CaPeak.c/s=-20     19:14   19:17   CaPeak.c/s=-20   CaPeak.c/s=-20   CaPeak.c/s=-20     19:14   19:17   CaPeak.c/s=-20	(RBS 17:37:1)	17:39:	11	Peakc/s=145	Qual=03		MaxkeV=230	Flags=ND		
Harring   Harr	ent # = 22329 1/01/25,19:17 Start	DOY=2 Peak								
# = 22330   19:14   19:17   19:41   CaPeak.c/s=29 Qual= 4   FePeak=19:14   FePeak.c/s=7 #Peaks=1 dt= 7.7s	tical ES			Ha	N13E18	AR5329	Mac.=FKI	Carr.Lon.	=123deg	H.Ang=26deg
# = 22330 /25,21:13	19:1	19:17	9:4	CaPeak.c/s=29 Peak3c/s=-1	Qual= 4		FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=902507 1.024s/pixel
21:03 21:13 21:25	t # = 223 1/25,21:1 Start	DOY=2 Peak	1							
## 10293  ## = 102	- i			aClass=S	N19E11 Oual=00	AR5329	Mac.=FKI	Carr.Lon.	=129deg	H.Ang≈27deg
# = 10293 26,00:08	21:0	∷ ∣	1:25	e G	Qual= 4	FePeak=21:12	FePeak.c/s=9 Rast=0"x0"		dt= 7.7s Cad=1.02s	XEN=902509 1.024s/pixel
/26,00:08 D0Y=26 SMM Pointing: N17E08 Pitch=-381",Yaw=+137",Roll=Odeg Start Peak End times 00:00 00:08 00:50 Importance=C6 Qual=01 Tot Cts=776 Maxkev=102 00:05:12 Peakc/s=48 Qual=01 Tot Cts=776 Maxkev=102 23:53 00:06 00:32 CaPeak.c/s=259 Qual= 1 FePeak=00:05 FePeak.c/s=47 #Peaks=1 dt= 7.7s Rast=240"x240" Step=10" Cad= 590s	ent # = 10293				89/01/26					
00:00 00:08 00:50 Importance=C6 Qual=01 00:01:14 00:03:20 00:05:12 Peakc/s=48 Qual=01 Tot Cts=776 MaxkeV=102 23:53 00:06 00:32 CaPeak.c/s=259 Qual= 1 FePeak=00:05 FePeak.c/s=47 #Peaks=1 dt= 7.7s Rast=240"x240" Step=10" Cad= 590s	/01/26,00:08 Start	Peak	End times	SMM Pointing:	N17E08		Pitch=-381",Yaw	r=+137", Roll	=0deg	H.Ang=25deg
	RBS 00:00 S 23:53 S	988 888	00:50 00:05:12 00:32	Importance=C6 Peakc/s=48 CaPeak.c/s=259			MaxkeV=102 FePeak.c/s=47 Rast=240"x240"			XEN=902510 1.024s/pixel

Event # = 10299	D0Y=2	9	SMM Pointing	ing:	N17E06		Pitch=-381", Yaw=+96", Roll=Odeg	:+96", Roll=		H.Ang=24deg
os/or/co,or Start Ontical	Peak	End times	На		N17E03	AR5329	Mac.=FKI	Carr.Lon.=133deg		H.Ang=23deg
GOES 04:26 HXRBS 04:32:01 BCS 04:32	04:38 :01 04:34:13 04:38	.13 04:54:08 05:33		g)	Qual=04 Qual=02 Qual= 1	Tot Cts=89824 FePeak=04:37	MaxkeV=144 FePeak.c/s=489 Rast=240"x240"	Flags=M5,SN #Peaks=1 d1 Step=10" C	dt= 3.8s Cad= 590s	XEN=902600 1.024s/pixel
	uency (MHz) :32 05:21: - 05:33	/Flux(sfu) 	2695/  Peak. 	800/120 - As s=57 - As	67 8800/120 15400/63	Event # = 10301 Tot Cts=6368 Event # = 23350 FePeak=05:33	MaxkeV=102 FePeak.c/s=11 Rast=0"x0"	Flags=ND #Peaks=1 Step=0"	dt=7.7s cad=3840s	XEN=902601 3840s/pixel
Event # = 22332 89/01/26,06:10 D Start F 60ES 06:07 ( FCS	332 10 D0Y=26 : Peak 7 O6:10	26 End time 0 07:07	nes CaPeak.c/s=5	s=55	Qua]=00 Qua]= 5	FePeak=06:13	FePeak.c/s=6 Rast=240"x240"	#Peaks=1 Step=10"	dt= 3.8s Cad= 590s	XEN=902602 1.024s/pixel
Event # = 10 89/01/26.06	)302 :41 DOY=2	56	SMM Pointing	ing:	N17E05		Pitch=-381",Yaw=+82",Roll=Odeg	=+82", Roll	=0deg	H.Ang=24deg
a a z z z	t Peak 7 06:4 2:42 06:3 5 Tyl quency(MH	Start Peak End times 06:27 06:41 07:07 I BS 06:32:42 06:37:26 06:40:04 Pio Sweeps Type/Intensity: I Frequency(MHz)/Flux(sfu):	mpe eal	ortance=C6 cc/s=160 /2 /57 606/18 26	Qual=01 Qual=01 95/38 880	Qual=01 Qual=01 Tot Cts=8108 2695/38 8800/53 15400/60	MaxkeV=187			
Event # = 22333 89/01/26,08:18 Start	2333 :18 DOY=26 t Peak	End	times HaClas	.Class=SF	N20E03			Carr.lon.=131deg	=131deg	H.Ang≈26deg
60ES 60ES 8CS 08:12 FCS	2 08:18	8 08:26	a)	/s=26	Qual=06 Qual= 1	FePeak=08:12	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=902603 1.024s/pixel
Event # = 2233 89/01/26,11:46 60ES BCS 11:41 FCS	= 22334 6,11:46 DOY=26 Start Peak 11:41 11:46	26 End times 46 11:47	CaP	eak.c/s=24	Qual=06 Qual= 2	FePeak=11:45	FePeak.c/s=11 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=902604 1.024s/pixel
Event # = 10303 89/01/26,14:13 Start	10303 1:13 DOY=26 rt Peak	End	SMM Poin times	Pointing:	1	AR5329	Pitch=-414", Yaw=-14", Roll=Odeg Mac.=FKI Carr.Lon.=134d	w=-14", Rol Carr.Lon	-14",Roll=Odeg Carr.Lon.=134deg	H.Ang=25deg H.Ang=21deg
Optical GOES 14:1 HXRBS 14:1 GRS 14:1 BCS 14:1 FCS FT	14:10 14:13 14:11:17 14:11: 14:11:00 14:12 14:15 Frequency (MHz	4:10 14:13 14:25:34 4:11:17 14:11:43 14:22:34 4:11:00 14:15 14:16 4:12 14:15 14:36 Frequency(MHz)/Flux(sfu):	Imp Thea Cap Cap	ortance=M1 akc/s=4165 eak.c/s=527 95/160 8800/75	ortance=M1 Qual=06 kc/s=4165 Qual=01 To eak.c/s=527 Qual= 1 Fo 5/160 8800/750 15400/710	Tot Cts=36107 FePeak=14:15 710	MaxkeV=418 FePeak.c/s=145 Rast=300"x240"	Flags=M5 #Peaks=1 Step=15"	dt= 3.8s Cad= 328s	Dur=60sec XEN=902605 1.024s/pixel

Event # = 22	335							
89/01/26,14:36 Start	36 D0Y=26 Peak	Fnd time	ú					
Optical GOES			HaClass=SF	\$21E33	AR5330	Mac.=FAI	Carriton =07den	
BCS 14:36 FCS 14:36	14:36	14:39	CaPeak.c/s=24	Qual≖06 Qual≈ 5	FePeak=14:37	FePeak.c/s=6 Rast=240"x240"		n.Ang=35deg 7s XEN=902606 90s 1.024s/pixel
89/01/26,17:28 Start	300 28 D0Y=26 Peak	End time	£	N19W02		Pitch=-414",Υε	Pitch=-414", Yaw=-37", Roll=Odeg	H.Ang=25deg
į			HaClass=SF	N18W68	AR5323	Mac.=CSO	Carr.Lon.=197deq	H.Ana=71den
HXKBS 17:24: BCS 17:27 FCS Radio Frequ	7:24:00 17:24:20 17:2 7:27 17:28 17:3 Frequency(MHz)/Flux(s	20 17:24:48 17:32 /Flux(sfu):	Peakc/s=59 CaPeak.c/s=29 245/440	Qual=01 Qual= 1	Tot Cts=442 FePeak=17:27	MaxkeV=102 FePeak.c/s=15 Rast=0"x0"		•
Event # = 22336 89/01/26,23:25	336 25 DOY=26	3		WERT AND THE STREET STREET STREET STREET				
Optical GOES 23:15			HaClass=SF Importance=C2	N16W09	AR5329	Mac.=FKI	Carr.Lon.=135deg	H.Ang=23deg
CS 23:20	~	23:28	CaPeak.c/s=27	Qual= 4	FePeak=23:20	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad=1.02s	
89/01/26,23:56 Start	0/ 6 D0Y=26 Peak	End times	SMM Pointing:	N19W06		Pitch=-414", Yaw	, Yaw=-96", Roll=0deq	H. Ana=26dea
Optical 60ES 23:48	23:56	00:50	Ha Impo	\$22E74 Oual=03	AR5334	Mac.=DAI	Carr.Lon.=51deg	H.Ang≖73deg
XX 23:50:00	1/ 23:50:4 00	23:53:00	Peakc/s=1965	Qual=03	Tot Cts=2.20E+5	MaxkeV=418	Flags=M5, ES	,
^ .	23:57	00:00	CaPeak.c/s=20	Qual= 4	FePeak=23:57	FePeak.c/s=7		Dur=180sec
	Frequency(MHz)/	/Flux(sfu):	245/310 606/35 1	415/150 49	1415/150 4995/310 8800/300	Rast=0"x0" 15400/350	Step=0" Cad=1.02s	
ent $# = 223$	37		111	89/01/27	D0Y=27			
89/01/27,02:22 Start Ontical	DOY=27 Peak	End times			1	4		
GOES 02:15 BCS 02:24	02:22	02:30	HaClass=SF Importance=C2	N16W09 Qual=04	AR5329	Mac.=FKI	Carr.Lon.=133deg	H.Ang=23deg
\$ 20.24	- 1	67:	CaPeak.c/s≖35	Qual= 4	FePeak=02:24	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad=1.02s	XEN=902700 s 1.024s/pixel
89/01/27,02:38 S9/01/27,02:38 Start	00Y=27 Peak	End times	SMM Pointing:	N19W07		Pitch=-413", Yaw	Pitch=-413", Yaw=-118", Roll=Odeg	H. Ang=26deg
ES 02:30 RBS 02:36-50	02:38	02:48	HaClass=SF Importance=C3			Mac.≈FKI	Carr.Lon.=133deg	H.Ang≈23deg
	02:36	02:44	reakc/s=51 CaPeak.c/s=72	Qual=01 Qual= 1	Tot Cts=199 FePeak=02:33	MaxkeV=102 FePeak.c/s=14 Rast=300"x240"	#Peaks=1 dt= 3.8s Step=15" Cad= 328s	XEN=902701 1.024s/pixel

Event # = 10309 89/01/27 02:51	D0Y=27		SMM Pointing:	N19W08		Pitch=-414", Yaw=	Pitch=-414",Yaw=-128",Roll=Odeg	H.Ang=20aeg
XRB	Peak 02:51:23	End times 02:51:40 P	³eakc/s=46	Qual=00 Qual=01	Tot Cts=190	MaxkeV=102		
Event # = 10310 89/01/27,04:26 Start	DOY=27 Peak	End times	SMM Pointing:	N19W09	AR5329	Pitch=-414",Yaw= Mac.=FKI	, Yaw=-139", Roll=Odeg Carr.Lon.=133deg	H.Ang=27deg H.Ang=26deg
Uptical GOES 04:22 HXRBS 04:23:10 BCS 04:24 FCS	04:26 04:24:11 04:26	04:32 04:24:57 04:32	Importance=C5 Peakc/s=52 CaPeak.c/s=118	Qual=01 Qual=01 Qual= 1	Tot Cts=511 FePeak=04:26	MaxkeV=102 FePeak.c/s=20 Rast=300"x240"	#Peaks=1 dt= 3.8s Step=15" Cad= 328s	XEN=902702 1.024s/pixel
Event # = 10312 89/01/27,04:56	D0Y=27		SMM Pointing:	N19W09		Pitch=-414", Yaw=	, Yaw=-139", Roll=Odeg	H.Ang=27deg
Start GOES 04:53 HXRBS 04:54:38	Peak 04:56 3 04:54:46	End times 05:10 04:55:08	Importance=C4 Peakc/s=49	Qual=03 Qual=01	Tot Cts=215	MaxkeV=102		
1	3 D0Y=27 Peak	End times	HaClass=SF	N16W11	AR5329	Mac.=FKI	Carr.Lon.=133deg	H.Ang=24deg
GOES 05:34 BCS 05:38 FCS	05:45 05:44	06:00 05:52	Importance=C2 CaPeak.c/s=29	Qua}=01 Qua]= 4	FePeak=05:45	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 dt= 7.7s Step=0" Cad=1.02s	XEN=902703 1.024s/pixel
Event # = 10313 89/01/27,06:30			SMM Pointing:	N19W09		Pitch=-413", Yaw	Pitch=-413", Yaw=-151", Roll=Odeg	H.Ang=27deg
Start GOES 06:25 HXRBS 06:26:00	Peak 06:30 0 06:26:07	End times 06:35 7 06:26:17	<pre>Importance=Cl Peakc/s=41</pre>	Qual=02 Qual=01	Tot Cts=86	MaxkeV=102		
Event # = 22339 89/01/27,07:13 Start	9 D0Y=27 Peak	End times		N 6W	AR5329	Mac.=FKI	Carr.Lon.=133deg	H.Ang=25deg
Optical GOES 07:09 BCS 07:10 FCS	07:13 07:13	07:20 07:20	Importance=C2 CaPeak.c/s=43	Qual=01 Qual= 1	FePeak=07:13	FePeak.c/s=10 Rast=240"x240"	#Peaks=1 dt= 3.8s Step=10" Cad= 590s	XEN=902704 1.024s/pixel
Event # = 10311 89/01/27,08:40	1 D0Y=27	7	SMM Pointing:	N20W11		Pitch=-414",Yaw	, Yaw=-179", Roll=Odeg	H.Ang=28deg
Start GOES HXRBS 08:39:5		End t 4 08:40	Peakc/s=48	Qual=00 Qual=01	Tot Cts=192	MaxkeV=102		
:±== .	10 7 D0Y=27 Peak	End times	, c	N16W14	AR5329	Mac.=FKI	Carr.Lon.=132deg	H.Ang=26deg
Uptical GOES 12:20 BCS 12:23	12:27 12:26	12:45 12:39	Importance=C3 CaPeak.c/s=93	Qual=01 Qual= 1	FePe	FePeak.c/s=21 Rast=240"x240"	#Peaks=1 dt= 3.8s Step=10" Cad= 590s	XEN=902705 1.024s/pixel

H.Ang=29deg H.Ang=27deg	XEN=902706 1.024s/pixel	XEN=902707 1.024s/pixel		H.Ang=16deg	H.Ang=22deg		H.Ang=15deg	H.Ang=54deg		H. Ang=15deg	H.Ang=30deg	H. Ang=14deg	H. Ang=33deg	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		H.Ang=13deg	H.Ang=36deg	
12", Yaw=-230", Roll=Odeg Carr.Lon.=131deg	30 Flags=M5,FS S=190 #Peaks=1 dt= 3.8s X240" Step=15" Cad= 328s	#Peaks=1 dt= 7.7s Step=10" Cad= 590s		2", Yaw=+187", Roll=Odeg	Carr.Lon.=92deg 7	2	. , rdw=+15/, KO  =Udeg		8800/150 15400/61	Pitch=+191", Yaw=+167", Roll=0deg	Carr.Lon.=92deg	Pitch=+191", Yaw=+125", Roll=0deg	Carr.Lon.=131deg			, Yaw=+99", Roll≈Odeg	Carr.Lon.=132deg	
Pitch=-412" Mac.=FKI	MaxkeV=230 FePeak.c/s=190 Rast=300"x240"	FePeak.c/s=8 Rast=240"x240"		Pitch=+192"	Mac.=FAI MaxkeV=187	40+10	Mac.=FAT	MaxkeV=230	4995/160 88	Pitch=+191	Mac.=FAI MaxkeV=102	Pitch=+191	Mac.=FKI MaxkeV=102		JOT - ADVE	Pitch=+190"	Mac.=FKI MaxkeV=144	
AR5329		FePe	3 D0Y=28		AR5330 Tot Cts=807		AR5334	Tot Cts=26094	2695/160		AR5330 Tot Cts=673		AR5329 Tot Cts=5966	# = 10319 +s=490			AR5329 P Tot Cts=3360 P	
N19W14 N17W14 Qual=01	Qual=01 Qual= 1 190	Associated Qual= 5	89/01/28	S17E12	\$21 <b>E16</b> Qual=01 Qual=01	S17F10		Qua}=01 Qual=01	606/230 1415/170	S17E10	N20E15 Qual=03 Qual=01	S17E08	N15W26 Qual=03 Qual=01 T	4995/84 8800/64 Associated Event Oual=01 Tot C		S17E06	N16W29 Qual=03 Qual=01 To	
SMM Pointing: HaClass=1B Importance=M1	7 O 4	CaPeak.c/s=27		SMM Pointing:	HaClass=SF Importance=C3 Peakc/s=82	SMM Pointing:	HaClass=SN	Importance=M] 5 Peakc/s=674 : V/3	245/95 410/130	SMM Pointing:	HaClass=SN Importance=C4 Peakc/s=50	SMM Pointing:	HaClass=IN Importance=M1 Peakc/s=94	11/1 110/58 2695/80 4 A eakc/s=45		SMM Pointing:	HaClass=SN Importance=C4 Peakc/s=205	800/61
End tim 15:45	21 21 15 XII 1	15:42		End times	06:37 06:34:19		End times	08:21:05 08:21:05 ntensity:	lux(sfu):	End times		End times				S End times	<b>-</b> 4.	
4 DOY=27 Peak 15:25	15:24 15:24 cy (MHz)	15:40		D0Y≠28 Peak	06:35 5 06:33:04	6 D0Y=28	reak 00.10	08:05:19 08:12:55 08:21:00 Sweeps Type/Intensity	icy(MHz)/F	DOY=28 Peak	08:58 . 08:55:01	DOY=28 Peak	13:06 13:00:58	cy (MHz)/F1 	9	00Y=28 Peak	5:53 15:58 16:31 5:54:32 15:55:04 15:56:1. Frequency(MHz)/Flux(s.f.)	/ / Juna / /
# = 10 27,15: Start 11 15:10	15:11 Fre	15:40	t # = 1031	89/01/28,06:35 Start Start	06:32 06:32:55	Event # = 10316 89/01/28,08:16			Frequer	Event # = 10317 89/01/28,08:58 Start	al 08:53 08:54:14	Event # = 10318 89/01/28,13:06 Start	12:40 13:06 13:35 12:55:22 13:00:58 13:33:07	Frequence 13:04:20	# = 10320	09/01/20,13:38 Start Orficel	_ ~ ~	?;;;; ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
89/0 89/0 00tio	· -	BCS FCS	Event	89/01	GOES HXRBS	Event 89/01	Optic GOFS	HXRBS Radio	Kad 10	Event 89/01,	Optica GOES HXRBS	Event 89/01/	Optical GOES HXRBS	Radio HXRBS	Event	034.01	GOES HXRBS Radio	

1							
H.Ang=32deg	H.Ang=11deg	XEN=902900 1.024s/pixel	XEN=902901 1.024s/pixel	H.Ang=11deg	XEN=902902 1.024s/pixel	H.Ang=12deg XEN=902903 1.024s/pixel	H.Ang=12deg H.Ang=41deg
	.0deg	dt=11.3s Cad=1.02s	dt=11.3s Cad=1.02s	=0deg	dt=11.3s Cad=1.02s	=0deg   dt=11.3s   Cad=1.02s	, Roll=Odeg Lon.=54deg
=+85",Roll=Odeg Carr.Lon.=127deg Flags=SG	=+18", Roll=0deg	#Peaks=1 Step=0"	#Peaks=1 Step=0"	, үаw=-41", Roll=Odeg	#Peaks=1 Step=0"	w=-69",Roll #Peaks=1 Step=0"	,Yaw=-83",Roll=Odeg Carr.Lon.=54deg
Pitch=+190", Yaw=+85" Mac.=FKI Carr MaxkeV=102 Flag	Pitch=+186", Yaw=+18" MaxkeV=102	FePeak.c/s=8 Rast=0"x0"	FePeak.c/s=9 Rast=0"x0"	Pitch=+189",Ya	FePeak.c/s=6 Rast=0"x0"	Pitch=+190", Yaw=-69", Roll=Odeg MaxkeV=144 FePeak.c/s=143 #Peaks=1 dt=1 Rast=0"x0" Step=0" Cad=	Pitch=+190", Ya Mac.=EAI MaxkeV=102
AR5329 Tot Cts=863	DOY=29	FePeak=03:29	FePeak=07:25	Tot Cts=334	FePeak=09:25	Tot Cts=5912 FePeak=10:51	AR5334 Tot Cts=2134
\$17E05 N14W25 Qual=03 Qual=02	89/01/29 S17E01 Qual=01 Qual=01	Qual=03 Qual= 1	Qual=01 Qual= 4	\$17W03 Qual=01 Qual=01	Qual=01 Qual= 4	\$17W04 Qual=03 Qual=01 Qual= 1	\$17W05 \$24E38 Qual=01 Qual=01
SMM Pointing: HaClass=SB Importance=C5 Peakc/s=81	SMM Pointing: Importance=C2 Peakc/s=50	Importance=C2 CaPeak.c/s=36	Importance=C2 CaPeak.c/s=36	SMM Pointing: Importance=C3 Peakc/s=45	Importance=C2 CaPeak.c/s=20	SMM Pointing: Importance=M1 Peakc/s=116 CaPeak.c/s=609	SMM Pointing: HaClass=SF Importance=C4 Peakc/s=66
Si End times H 18:36 I7:55:46 P	End times 01:40 01:32:31	End times 04:05 03:40	End times 07:47 07:43	End times 08:15 08:04:44	End times 09:50 09:35	End times 11:42 7 10:52:30 11:30	End times 12:45 4 12:28:10
D0Y=28 Peak 17:58 17:53:39	DOY=29 Peak 01:35 01:32:20	DOY=29 Peak 03:28 03:27	DOY=29 Peak 07:25 07:26	) DOY=29 Peak 08:06 1 08:04:06	1 DOY=29 Peak 09:25 09:26	4 D0Y=29 Peak 11:06 11:00 11:00	5 D0Y=29 Peak 12:29 16 12:25:44
# = 10321 28,17:58 Start 17:49 17:49	# = 10322 /29,01:35 Start 01:32 01:32:12	# = 22342 /29,03:28 Start 03:20 03:22	; # = 22343 [/29,07:25 Start 07:15 07:25	t # = 10323 1/29,08:06 Start 08:03	# = 22344 1/29,09:25 Start 09:15	t # = 10324 1/29,11:06 Start 10:44 S 10:44:51	t # = 10325 1/29,12:29 Start cal 12:24 S 12:24:46
Event 89/01/7 Optica GOES HXRBS	_ L	Event 89/01/ 60ES BCS FCS	Event 89/01, 60ES BCS FCS	Event 89/01/ GOES HXRBS	Event 89/01, 60ES BCS FCS	Event 89/01 60ES HXRBS BCS FCS	Event 89/01, 0ptica 60ES HXRBS

l	ı		1		
H.Ang=78deg H.Ang=92deg XEN=903001 1.024s/pixe1 ", Yaw=+141"	H.Ang=53deg H.Ang=47deg XEN=903002 1.024s/pixel	XEN=903003 1.024s/pixel ",Yaw=-537"	H.Ang=55deg ", Yaw=-570"	H.Ang=57deg	H.Ang=61deg H.Ang=56deg XEN=903005 1.024s/pixe1 1", Yaw=-755"
.=159deg H .=175deg H dt= 3.8s X Cad= 590s 1 Pitch=-254",	88 288 -253	dt= 7.7s X Cad= 332s 1 Pitch=-253",	,Roll=Odeg	,Roll=Odeg 6.00.00.00.00.00.00.00.00.00.00.00.00.00	-768", Roll=Odeg Carr.Lon.=127deg Flags=SG #Peaks=1 dt= 7.7s Step=10" Cad= 590s Step=0" Pitch=-381"
Carr.Lon. Carr.Lon. #Peaks=1 Step=10" Step=0"	673" Carr. #Peak Step= Step=	#Peaks=1 Step=10" Step=0"	,Yaw=-706",Rol Step=0"	,Yaw=-726",Ro Step=0"	<u>ii</u>
FePeak.c/s=10 Rast=240"x240" Rast=3"x3"	Pitch=-388", Yaw: Mac.=FKI MaxkeV=274 FePeak.c/s=317 Rast=300"x240" Rast=3"x3"	FePeak.c/s=6 Rast=180"x180" Rast=3"x3"	Pitch=-384", Ya MaxkeV=102 Rast=3"x3"	Pitch=-381", Ya MaxkeV=102 Rast=180"x1"	Pitch=-376", Yav Mac.=FAI MaxkeV=320 FePeak.c/s=8 Rast=240"x240" Rast=10"x10"
AR5333 AR5324 FePeak=02:11 Exp #=83343	AR5329 Tot Cts=11523 FePeak=03:53 Exp #=83345	FePeak=03:58 Exp #=83345	Tot Cts=112 Exp #=83352	Tot Cts=316 Exp #=83358	AR5329 Tot Cts=11556 FePeak=21:13 Exp #=83382
N25W74 N24W90 Qual=04 Qual= 5 Code=01	N19W47 N17W42 Qual=01 Qual= 1	Qual=00 Qual= 5	N19W50 Qual=00 Qual=01	N19W52 Qual=03 Qual=01	N19W57 N14W53 Qual=03 Qual= 5 Qual= 5
HaClass=SF Code=EPL Importance=M1 CaPeak.c/s=80 Wavelength=2788A	SMM Pointing: HaClass=1B Importance=M1 Peakc/s=222 CaPeak.c/s=1067 Wavelength=2788A	CaPeak.c/s=40 Wavelength=2788A	SMM Pointing: Peakc/s=45 Wavelength=2788A	SMM Pointing: Importance=C2 Peakc/s=44 Wavelength=2788A	SMM Pointing: HaClass=18 Importance=M2 Peakc/s=595 CaPeak.c/s=80
End times 02:44 03:04	End times 03:59 03:57 03:57	End times 04:00	End times 7 09:13:31	End times 14:02 4 13:23:44	End times 21:32 9 21:05:01 21:21
DOY=30 Peak 02:15 02:09	DOY=30 Peak 03:54 03:52:23 03:53	DOY=30 Peak 03:58	D0Y=30 Peak ) 09:13:27	3 DOY=30 Peak 13:26 9 13:22:34	4 DOY=30 Peak 21:05 1 21:01:09 21:13
Event # = 22346 89/01/30,02:15 Start Optical GOES 01:53 BCS 02:07 FCS 01:58	Event # = 10331 89/01/30,03:54 Start Optical GOES 03:49 HXRBS 03:49 ECS 03:31 UVSP 03:31	Event # = 22347 89/01/30,03:58 60ES BCS FCS UVSP 03:31	Event # = 10332 89/01/30,09:13 Start GOES HXRBS 09:13:20 UVSP 09:13	Event # = 10333 89/01/30,13:26 Start GOES 13:23 HXRBS 13:22:19 UVSP 13:52	Event # = 10334 89/01/30,21:05 84rt Optical 60ES 20:58 HXRBS 20:58:51 BCS 21:13 FCS 20:55

			P. (1987)	89/01/31	31 DAV=31			j	
Event # = 10335 89/01/31,03:09 Start	5   D0Y=31   Peak	End time:	S	Z		Pitch=-370", Y	Yaw=-798", Roll	Roll=Odeg	H. Ang=64dea
03:04	03:00	03:17	HaClass=1N Importance=M1	\$24E12 0ual=01	AR5334	Mac.=EAI	Carr.Lon.=59deg	59deg	H.Ang≂21deg
HAKBS U3:05:44 UVSP 02:54 Radio Freque	ຼ ຕ	51 03:08:34 /Flux(sfu):	Peakc/s=329 Wavelength=2788A 8800/67		Tot Cts=11276 Exp #=83409	MaxkeV=187 Rast=180"x1"	Step=0" F	Pitch=-236"	6", Yaw=-613"
<b>+</b>	6 D0Y=31 Peak	End times	SMM Pointing:	N19W63		Pitch=-366", Y.	, Yaw=-819", Roll=0deg	=0deg	H.Ang=67deg
00.21.2	. 00	0	HaClass=SF	N17W61 Qual=00	AR5329	Mac.=FAI	Carr.Lon.=129deg	129deg	H.Ang=64deg
UVSP 08:36 Event # = 10333	08:21:	54 08:22:04	Peakc/s=55 Wavelength=2788A		Tot Cts=239 Exp #=83416	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=-231"	1", Yaw=-636"
89/01/31,17:40 Start	DOY=31 Peak	End times	S	S06W00		Pitch=+0",Yaw=	, Yaw=+0", Roll=Odeg		H.Ang=Odeg
GOES 17:31	17:40	17:49	포토	N15W65 Oual=02	AR5329	Mac.=FAI	Carr.Lon.=1	.=128deg	H.Ang≈68deg
UVSP 17:56 Radio Frequen	, 1/:33:3 icy(MHz)/	17:31:39 17:33:35 17:56 Frequency(MHz)/Flux(sfu):	Peakc/s=324 Wavelength=2788A 4995/100 8800/94	Qual=03	Tot Cts=4880 Exp #=83422	MaxkeV=144 Rast=180"x1"	Flags=M5,I, Step=0" p	,I,ES Pitch=+4",	>-
	DOY=31 Peak	End times							
GDES 18:56 BCS 18:57	19:01 19:00	19:05 19:06	Importance=(4	N16W66 Qua]=03	AR5329	Mac.=FAI		=128deg	H.Ang=69deg
CS VSP 18:43		`	Vareak.t/s=10/ Wavelength=1375A		FePeak=19:00 Exp #=83425	FePeak.c/s=34 Rast=0"x0" Rast=30"x30"	#Peaks=1 d1 Step=0" Ca Step=10" Pi	dt= 3.8s X Cad=.26s 0 Pitch=-429",	XEN=903100 0.256s/pixel ", Yaw=-775"
Event # = 22350 89/01/31,21:49 Start GOES 21:45 BCS 21:46 FCS 21:46	D0Y=31 Peak 21:49 21:47	End times 21:52 21:53	Importance=C2 CaPeak.c/s=58		FePeak=21:47	FePeak.c/s=13 Ract=0"v0"	#Peaks=1 dt		XEN=903101
201 - 200E1			Wavelength=1375A	Code=00 89/02/01	Exp #=83433 D0Y=32	Rast=265"x265"	- 1	rdd=.cbs Pitch=+292"	U.256S/plxel ", Yaw=+109"
L# = 22331 2/01,01:02 Start sal 00:58	D0Y=32 Peak 01.02	d times	l	\$21E04	AR5334	Mac.=EAI	Carr, Ion = 55den	50	20031-200
BCS 00:57 FCS UVSP 00:56	65:00	01:05	Importance=C1 CaPeak.c/s=28 Wavelength=2788A (	Qual=01 Qual= 4 P Code=00 E	FePeak=00:59 Exp #=83443	FePeak.c/s=9 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=10" Sten=3"	.7s 590s -177"	XEN=903206 1.024s/pixel
							2	-	7/7Mp1

,Yaw=-286",Roll=90deg H.Ang=17deg Carr.Lon.=131deg H.Ang=75deg	Step=3" Pitch=+77", Yaw=-272"	,Yaw=-286",Roll=90deg H.Ang=17deg	Carr.Lon.=57deg H.Ang=14deg	S Pitch=+418", Yaw=+24	200 pixel	",Roll=Odeg H.Ang=17deg	Carr.Lon.=58deg H.Ang=16deg	_	Pitch=+163	", Roll=Odeg H.Ang=17deg	Carr.Lon.=129deg H.Ang=77deg	Step=0" Pitch=+163",Yaw=+191"	Carr.Lon.=58deg H.Ang=16deg	#Peaks=1 dt= 7.7s XEN=903202 Step=0" Cad=1.02s 1.024s/pixel Step=0" Pitch=+163", Yaw=+182"
Pitch=+65",Yaw=-286' Mac.=FAI Car	MaxkeV=102 Rast=243"x243" Ste	Pitch=+65", Yaw=-286	Mac.=EAI Car	MaxkeV=102 Fla Rast=180"x1" Ste	FePeak.c/s=7 #Pe Rast=0"x0" Ste	Pitch=+284", Yaw=+17", Roll=Odeg	Mac.=EAI Car	MaxkeV=102 FePeak.c/s=66 #Pe Rast=0"x0" Ste		Pitch=+284", Yaw=+17", Roll=Odeg	Mac.=FAI Cal	MaxkeV=102 Rast=180"x1" St	Mac.=EAI Ca	FePeak.c/s=13 #P Rast=0"x0" St Rast=180"x1" St
AR5329	Tot Cts=538 Exp #=83443		AR5334		Event # = 22352 FePeak=02:29		AR5334	Tot Cts=2376 FePeak=07:42	Exp #=83452		AR5329	Tot Cts=175 Exp #=83452	AR5334	FePeak=09:29 Fxn #=83453
\$23E04 N17W72		S23E04	\$20E01	Qual=02 Qual=03	sociated Qual= 5	S23E01	\$22W03	Qual=01 Qual=01 Qual= 1		S23E01	N17W74	Qual=02 Qual=01	\$22W04	Qua]=00 Qua]≖ 4
inting: lass=SF	38A	SMM Pointing:	Class=SN	tance=M1 c/s=75 enqth=2788	k.c/s=77	SMM Pointing:	HaClass=SF	Importance=C6 Peakc/s=83 CaPeak.c/s=281	Wavelength=2788A	SMM Pointing:	Ħa	Importance=C8 Peakc/s=47 Wavelength=2788A	HaClass=SF	CaPeak.c/s=21
End times	01:30 01:20:46		End times	02:36 01:45:44	02:38		End times	08:02 07:43:00 08:03			End times	08:40 : 08:03:07	End times	09:33
DOY=32 Peak	01:23 01:20:20	D0Y=32	Peak	02:05 01:45:36	02:27	DOY=32	Peak	07:44 07:38:40 07:42			Peak	08:13 08:02:52	DOY=32 Peak	06:30
# = 10338 '01,01:23 Start	01:21 01:20:07 00:56	Event # = 10340 89/02/01.02:05	Start	GOES 01:48 HXRBS 01:38:02	02:27	Event # = 10339	Start	GOES 07:39 HXRBS 07:38:30 BCS 07:39	FCS UVSP 08:31	Event # = 10341 89/02/01 08:13	Ontical	GOES 08:02 HXRBS 08:02:33 UVSP 08:31	Event # = 22353 89/02/01,09:30 Start Ontical	60ES 8CS 09:28 FCS

													ı				1	
H.Ang=17deg	H.Ang=15deg H.Ang=73deg	XEN=903203	0.256s/pixel 3", Yaw=+169"	H.Ang=17deg	H.Ang≈15deg H.Ang≈62deg	i", Yaw=+169"	H.Ang=Odeg	H.Ang=17deg	Yaw=+5"	H.Ang≈18deg	H.Ang=78deg	", Yaw≖-153"	H.Ang=18deg	H.Ang≈18deg	XEN=903204		100000	1.024s/pixel ',Yaw=-141"
]=0deg	Carr.Lon.=58deg Carr.Lon.=123deg		Cad=.26s 0 Pitch=+163",	, Roll=Odeg	Carr.Lon.=57deg Carr.Lon.=23deg	Pitch=+163"	deg	=57deg	Pitch=+4", Yaw=+5	, Roll=Odeg	.=122deg	Pitch=+288"	, Roll=Odeg	.=56deg		Cad= 328s Pitch=+293	7 7 2	Cad= 590s Pitch=+293
, Yaw=+4", Roll=Odeg	Carr. Los Carr. Los		Step=0" Step=0"	, Yaw=-9", Rol]	Carr.Lor Carr.Lor	Step=0"	+2", Roll=0	Carr.Lon.=57deg	Step=0"	, Yaw=-88", Rol	Carr.Lon.=122d	Step≖10"	, Yaw=-100", Ro	Carr.Lon.=56deg	#Peaks=I	Step=15" Step=10"	#Dook = 1	Step=10" Step=10"
Pitch=+284", Ya	Mac.=EAI	MaxkeV=230 FePeak.c/s=437	Rast=0"x0" Rast=180"x1" 8800/33 15400/33	Pitch=+284", Ya	Mac.=EAI	MaxkeV=187 Rast=180"x1"	Pitch=-5", Yaw=+2", Roll=Odeg	Mac.=EAI	MaxkeV=102 Rast=180"x1"	Pitch=+282", Ya	Mac.=FAI	MaxkeV=102 Rast=30"x30"	Pitch=+280", Yaw	Mac.=EAI	MaxkeV=102 FePeak.c/s=13	Rast=300"x240" Rast=30"x30"	February c/s=10	Rast=240"x240" Rast=30"x30"
	AR5334 AR5329	Tot Cts=30265 FePeak=10:37	Exp #=83455 2695/93 4995/83 88(		AR5334	Tot Cts=1405 Exp #=83455		AR5334	Tot Cts=921 Exp #=83461		AR5329	Tot Cts=1333 Exp #=83468		AR5334	Tot Cts=414 FePeak=21:21	Exp #=83473	FePeak=21:43	,
S23W00	S21W04 N23W69		4 415/80 269	\$23W01	\$21W04 N50E30 Oual=02	Qual=01 Code=00	00M90S		Qual=01 Code=02	S23W06	N24W74 Oua ]=03	Qual=01 Code=00	S23W06	\$22W08 Qual=01		Code=00	Qual=03 Qual= 3	Code=00
SMM Pointing:	HaClass=1N HaClass=SF Importance=M4	Peakc/s=98 CaPeak.c/s=1734	Wavelength=2788A 245/81 410/25 1415/80	SMM Pointing:	HaClass=1N Code=DSF Importance=C1	Peakc/s=77 Wavelength=2788A	SMM Pointing:	HaClass=SF Importance=C3	Peakc/s=51 Wavelength=2788A	SMM Pointing:	HaClass=SF Importance=C4	Peakc/s=59 Wavelength=1375A	SMM Pointing:	HaClass=SF Importance=C3	Peakc/s=54 CaPeak.c/s=49	∦avelength=1375A	Importance=C3 CaPeak.c/s=38	Wavelength=1375A
End times	_	9 10:47:27 11:11	:lux(sfu):	End times	12:00	11:09:41	End times	16:07	15:49:03	End times		20:03:34	End times	21:35	21:19:32 21:31		End times 21:53	
2 D0Y=32 Peak	10:3	10:13:4	11:05 Frequency(MHz)/Flux(sf	3 D0Y=32 Peak	11:10		) D0Y=32 Peak	15:46	15:	DOY=32 Peak	20:04		D0Y=32 Peak	1	21:21 21:21		DOY=32 Peak 21:43 21:44	
# = 10342 /01,10:38 Start	<b>=</b> = _	10:13:1 10:14		= 1034  1,11:10  Start	10:51	11:08:26	: # = 10344 2/01,15:46 Start	1) 15:42	15:46:31 15:46	Event # = 10345 89/02/01,20:04 Start	را 19:51	20:00:01 19:40	/ent # = 10346 9/02/01,21:22 Start	21:18	21:19	21:15	: # = 22354 2/01,21:43 Start 21:35 21:39	21:15
Event # 89/02/01	Optica Optica GOES	HXRBS BCS FCS	UVSP Radio	Event 89/02/	Optical Optical GOES	HXKBS	Event 89/02/	Optica GOES	HXRBS UVSP	Event 89/02/	Optica GOES	HXRBS UVSP	Event 89/02/	ro	BCS FCS	UVSP	Event # 89/02/0 GOES BCS	UVSP

FePeak=05:46 FePeak.c/s=10 #Peaks=1 Step=0" Step=15" Step=15" Step=15" Step=15" Step=15" Step=15" Step=15" Step=15" Step=15" Step=10" Step					89/02/02	D0Y=33				
Pitch = 3", Yaw=967", Roll=0deg     Start   Peak   End times   HaClass=SF   S22W13   AR5334   Hac.=EAI   Carr.Lon.=55deg     N8:19	ent # = 22 /02/02,05: Start ES 05:42 S 05:48 S 05:48	DOY=3 Peak 05:46 05:48	mes	88 8	Qual=03 Qual= 1 Code=02	FePeak=05:46 Exp #=83491	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+164"	dt= 7.7s XEN=903300 Cad=1.02s 1.024s/pixel Pitch=+164",Yaw=+12"
Start   Peak   End times   HaClass=SF   S22W15   AR5334   Mac.=EAI   Carr.Lon.=	# = 9306 02,08:24 Start 11 08:19 08:18:3	DOY=33 Peak 08:24 08:18:5	End times 08:28 08:19:17	SMM Pointing: HaClass=SF Importance=C3 PeakC/s=51 Wavelength=2788A	S01E83 S22W13 Qual=01 Qual=01 Code=02	AR5334 Tot Cts=210 Exp #=83496	Pitch=+3", Yaw=+0 Mac.=EAI MaxkeV=102 Rast=243"x243"	967", Roll=( Carr.Lon.ª Flags=I Step=3"	eg .ch=+7"	H.Ang=83deg H.Ang=20deg ,Yaw=+987"
10:22 10:30	2235 2/02,10:05 Start Sal Sal 09:58 10:00	D0Y=3 Peak 10:05	times 10 11	8A	S22W15 S20W73 Qual=01 Qual= 1 Code=00	AR5334 AR5336 FePeak=10:04 Exp #=83499	Mac.=EAI FePeak.c/s=16 Rast=300"x240" Rast=243"x243"	Carr.Lon. Carr.Lon. #Peaks=1 Step=15" Step=3"	=56deg =114deg dt= 3.8s cad= 328s Pitch=+293"	H.Ang=21deg H.Ang=72deg XEN=903301 1.024s/pixe1 ", Yaw=-192"
# = 10347 22.11:27	1, # = 223 (2/02,10:3 Start 10:22 10:26	7 DOY=3 Peak 10:30 10:31	nd ti 1:01 0:33	Importance=C2 CaPeak.c/s=37 Wavelength=2788A			FePeak.c/s=16 Rast=240"x240" Rast=243"x243"		dt= 7.7s X Cad= 590s 1 Pitch=+293",	XEN=903302 1.024s/pixel 5", Yaw=-192"
t# = 10348 2/03,03:19	# = 1 /02,111 Star al 11:2 11:2 11:2	17 DOY=33 Peak 11:27 19:26 11:26	:40		\$23W14 \$22W16 Qual=01 Qual=1		Pitch=+285", Yan Mac.=EA1 MaxkeV=187 FePeak.c/s=81 Rast=300"x240"	11 >-	ll=Odeg .=56deg dt= 3.8s Cad= 328s	H.Ang=22deg H.Ang=22deg XEN=903303 1.024s/pixel
1t # = 10348 02/03,03:19	- :				897027	1			-	
	1t 3 32/(	3 DOY=34 Peak 03:19 5 02:58:	End time 03:57 6 02:59:10	N I E	Qual=03 Qual=01	Tot	=-1082" V=102	aw=+1", Ro]	=0deg	

Plate Alexander	deg	0 × =	ed ed	- be		on e	50	
	H.Ang=83deg	XEN=903400 1.0245/pixel	H.Ang=71deg	, Yaw=-247 1. Ang=37d	, Yaw=-291"	H.Ang=41deg XEN=903500 1.024s/pixel	H.Ang=37deg	', Yaw=-336" H. Ang=38deg
7/12	- C	dt= 7.7s Cad=1.02s Pitch=+17	]=0deg =97deg	. Roll=90deg	Pitch=-515", Yaw=-291	.7s 590s =+178'	Roll=Odeg	=+178"
	, Yaw=-967", Roll=Odeg 2 x243" Sten=3" Dit.		, Yaw=-426", Roll=0deg Carr.Lon.=97deg Flags=I,EN,IS	, Yaw=-298", Rol	Step=10"	Carr.Lon.=59deg #Peaks=1 dt= 7 Step=10" Cad= 5 Step=0" Pitch	, Yaw=-509", Roll	Yaw=-519", Roll=0deg
7 10 4-4:0	Pltcn=-3", Yaw= MaxkeV=102 Rast=243"x243"	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	Pitch=+293", Ya Mac.=HSX MaxkeV=230	Pitch=-498", Yav	Rast=30"x30"	Mac.=DAO FePeak.c/s=18 Rast=240"x240" Rast=180"x1"	Pitch=+298", Yaw	Rast=180"x]" Pitch=+299", Yaw= MaxkeV=102 Bast=180",1"
	Tot Cts=1384 Exp #=83504	FePeak=13:01 Exp #=83507	AR5336 Tot Cts=16700 Fxn #=83500		Exp #=83528 D0Y=35	AR5334 FePeak=02:16 Exp #=83533	Tot Cts=407	#=83534 Cts=675 #=83534
S01483		Qual=02 Qual= 2 Code=01	\$23W28 \$20W72 Qual=02 Qual=13 Code=00	\$23#34 Qual=01 Qual=01	Code=00 89/02/04	\$21₩40 Qual=01 Qual= 1 Code=01	\$23₩35 Qual=00 Qual=01	\$23W35 Qual=03 Qual=01 Code=00
SMM Pointing:	or <del>a</del> s	Importance=C2 CaPeak.c/s=21 Wavelength=2788A	SMM Pointing: HaClass=SF Importance=M3 Peakc/s=95 Wavelength=2788A	SMM Pointing: Importance=C3 Peakc/s=49	Wavelength=1375A	HaClass=SF Importance=C4 CaPeak.c/s=95 Wavelength=2788A	SMM Pointing: Peakc/s=58	r
	End time 11:30 4 11:06:01	End times 13:11 13:03	End times 15:37 14:36:28	End times 23:25 23:20:44		End times 02:36 02:37	End times 02:32:10	End times 03:09 1
9 D0Y=34	Peak 11:09 11:03:3	DOY=34 Peak 13:06 13:02	DOY=34 Peak 14:36 14:28:47	DOY=34 Peak 23:20 23:20:29	D0Y=35	Peak 02:22 02:22	DOY=35 Peak 02:31:50	D0Y=35 Peak 03:03 03:00:51
# = 10349 703,11:09		# = 22358 /03,13:06 Start 12:56 13:01	# = 10545 /03,14:36 Start al 13:54 13:55:27 14:31	# = 10350 '03,23:20 Start 23:18 23:20:05	6	irt 12 13 58	t # = 10351 2/04,02:31 Start F 5 02:31:32 C 02:58	)352 03 1:14
Event # 89/02/03	GOES HXRBS UVSP		Event # = 89/02/03, St. Optical GOES 13 HXRBS 13 UVSP 14	Event 89/02/ 60ES HXRBS		pti OES CS CS VSP	Event # 89/02/0 GOES HXRBS UVSP	Event # 89/02/0 GOES HXRBS UVSP

vent # = 1	23		1	3611663		Pi+ch=+299" Yaw=-526", Roll=Odeg	=-526".Roll=		H.Ang=38deg
./04,04: Start 04:16	3 DOY=35 Peak 04:23	End times 04:29	Importance=C4	0.043=01 0.043=01 0.043=01	Tot Cts=1627	MaxkeV=102			- EAC
UVSP 04:33	. / / .		ength=2788A		Exp #=83536	Rast=180"x1"	Step=U F	FICE = 11/9 , 10M=-34/	1 aw 547
Event # = 10 89/02/04,05:	354 38 DOY=35		SMM Pointing:	S23W37		Pitch=+300", Yaw=-537", Roll=Odeg	=-537",Roll=		H.Ang=39deg
Start GOES 05:27 HXRBS 05:27:29 UVSP 06:05	Peak 05:38 :29 05:30:4	End times 05:55 5 05:33:32	Importance=C7 Peakc/s=71 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=3889 Exp #=83538	MaxkeV=102 Rast=180"x1"	Step=0" F	Pitch=+180", Yaw=-357"	,Yaw=-357"
Event # = 10 89/02/04,08:	1355 52 DOY=35		SMM Pointing:	S23W38		Pitch=+302", Yaw	, Yaw=-558", Roll=Odeg		H.Ang=41deg
Start GOES 08:49 HXRBS 08:49:30 UVSP 09:13	Peak 08:52 08:52 0:30 08:49:3	End times 09:00 7 08:50:33	Importance=C3 Peakc/s=44 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=315 Exp #=83542	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+182"	, Yaw=-378"
Event # = 1035 89/02/04 10:17	9		SMM Pointing:	S23W39		Pitch=+303", Yaw=-568", Roll=Odeg	/=-568", Roll		H.Ang=41deg
Start	Peak	End times	Code=LPS	N29E73	AR5354		Carr.Lon.=301deg		H.Ang=78deg
GOES 09:50 HXRBS 09:55:	10:17 23 09:55	12:21 :51 10:51:46	ortance=X2 kc/s=1750 elength=2788A	Qual=03 Qual=14 Code=00	Tot Cts=1.02E+6   Exp #=83543	6 MaxkeV=230 Rast=180"x1"	Flags=SN,E Step=0"	Flags=SN,EN,DG,ND Step=0" Pitch=+182",Yaw=-382"	, Yaw=-382"
Sweep	Type/I quency(MHz)/F	/Intensity: /Flux(sfu):	III/2 I 1 410/75	V/2 606/42 1415/120	2695/210	4995/580 8800/470	15400/250		
Event # = 103 89/02/04,15:29	0357 :29 D0Y=35		SMM Pointing:	S06W00		Pitch=+0",Yaw=+0",Roll=Odeg	+0", Roll=0de	₽î.	H.Ang=Odeg
Start GOES HXRBS 15:28 UVSP 15:24	Peak 53 15:29:	Enu 15 15:2	Peakc/s=66 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=590 Exp #=83550	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+4",Y	, Үам=+5"
Event # = 1 89/02/04,16 Star	= 10358 1,16:18 DOY=35	End times	SMM Pointing:	S06W00		Pitch=+0",Yaw=+0",Roll=Odeg	+0",Roll=0d€	Ď,	H.Ang=Odeg
GOES HXRBS 16:18 UVSP 16:00	2 16:	51 16:18:5	Peakc/s=46 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=103 Exp #=83551	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+4",)	, Yaw=+5"
Event # = 2236 89/02/04,19:40 Start GOES 19:31 BCS 19:32	2360 1:40 D0Y=35 1: Peak 11 19:40	5 End times 19:48 19:44	inportance=C3 CaPeak.c/s=43	Qual=01 Qual= 1	FePeak=19:36	FePeak, c/s=9		dt= 7.7s X	XEN=903501 1 024s/nixel
FCS 20:00			Wavelength=2788A		Exp #=83556	Rast=0.x0 Rast=180"x1"	Step=0"	Pitch=-350	", Yaw=+773"

20:55 20:58 21:00   Importance=C2   Qual=O1   Tot Cts=415   MaxkeV=102   MaxkeV=102	# = 10359 04,20:58 Start	DOY=35 Peak	Fnd +imas	SMM Pointing:	N29E81		Pitch=-484", Ya	, Yaw=+843", Ro	, Roll=Odeq	H. Ana=86dea
11638   1163	20:55 20:56:37 20:54 Sweeps	222	21:00 20:57:26 tensity:	Importance=C2 Peakc/s*60 Wavelength=2788A III/2	Qual=01 Qual=01 Code=00	Tot Cts=415 Exp #=83557	MaxkeV=102 Rast=243"x243"	Step=	Pitch=-477	Pitch=-477", Yaw=+856"
Start   Peak   Pointing: N29E81   Pitch=-484", Yawe   Pointing: N29E81   Pitch=-484", Yawe   Oi:53   Oi:56   Oi:02   Importance=C6   Qual=Oi   Tot Cts=427   MaxkeV=102   PeakC/s=51   PeakC/s=54   Qual=Oi   Tot Cts=427   MaxkeV=102   PeakC/s=51   PeakC/s=6	# = 11638				89/02/0					
01:53 01:56 02:02   Importance=C6	3,01:56 Start	DOY=3 Peak	و	SMM	N29E81		Pitch=-484", Ya	w=+843", Ro	]]=0deg	H.Ang=86deg
01:35    Wavelength=1375A Code=00   Exp #=83570   Rast=240"x240"   Wavelength=1375A Code=00   Exp #=83570   Rast=30"x30"    Start	01:53 01:53:21 01:31	01:56 01:53: 01:56	02:02 01:53:51 02:14		Qual=01 Qual=03 Qual= 1	Tot Cts=427 FePeak=01:55	MaxkeV=102 FePeak.c/s=51	Flags=I, #Peaks=2	EG dt= 7.7c	XFN=Q03600
= 22361 55.03:23 D0y=36 Start Peak End times Code=BSL S19490 AR5336 03:23 03:27 CaPeak.c/s=21 Qual=00 Wavelength=1375A Exp #=83574 Rast=0"x0" Wavelength=1375A Exp #=83574 Rast=0"x0"  = 10362 5,05:03 D0y=36 Start Peak End times HaClass=SF N30E78 AR5354 Mac.=EAO Mayelength=2784 Qual=01 Tot Cts=7228 Maxkev=187 Mayelength=2784 Qual=01 Tot Cts=7228 Maxkev=102 Wavelength=2784 Qual=01 Tot Cts=361 Maxev=102 Mayelength=2784 Qual=01 Tot Cts=361 Maxkev=102 Wavelength=2784 Qual=01 Tot Cts=361 Maxev=102 Wavelength=27884 Qual=01 Tot Cts=361 Maxev=102 Wavelength=27884 Qual=01 Tot Cts=361 Wavelength=27884 Qual=01 Tot Cts=100 Wavelength=27884 Qual=01 Tot Cts=100 Wavelength=27884 Rast=180"x1" Wavelength=27884 Exp #=83575 Rast=180"x1" Wavelength=27884 Exp #=83576 Rast=180"x1" Wavelength=2788	01:35 weeps	Type/		Wavelength=1375A III/1		Exp #=83570	Rast=240"x240" Rast=30"x30"		Cad= 590s 1 Pitch=-495",	1.024s/pixel ",Yaw=+829"
Code=BSL S19W90 AR5336  Oual=00  Oual=00  Wavelength=1375A Exp #=83574 Rast=70"x0"  = 10362  Start Peak End times  HaClass=SF N30E78 AR5354 Mac.=EA0  Havelength=2788A Exp #=83576 Rast=180"x1"  Havelength=2788A Qual=01 Tot Cts=361  Havelength=2788A Qual=01 Tot Cts=361  Havelength=2788A Qual=01 Tot Cts=361  Havelength=2788A Gual=01 Tot Cts=361  Havelength=2788A Gual=01 Tot Cts=361  Havelength=2788A Gual=01 Tot Cts=361  Havelength=2788A Rast=180"x1"  Havelength=2788A Exp #=83576 Rast=180"x1"	= 22361 5,03:23 Start	DOY=36 Peak		1						
03:23 03:23 03:27 CaPeak.c/s=21 Qual= 4 FePeak=03:23 FePeak.c/s=6  33:09				Code=BSL	S19W90	AR5336		Carr. Lon.	.=95dea	H. And=88ded
10362	സ	?:	:5	eak.c/s=21	Qual=00 Qual= 4	FePeak=03:23	FePeak.c/s=6	#Peaks=1	dt= 7.7s	
10362 10362 10362 104-36 105:03	03:09			æ		Exp #=83574	Rast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=1.02s Pitch=-477	_
HaClass=SF N30E78 AR5354 Mac.=EA0  Mayortance=M1 Qual=01  Mayelength=278A  Mayelength=278BA  = 22362    Mayelength=278BA   Mayelength=278BA   Cts=100   Cts=7228   Maxkev=187   CaPeak.c/s=135	= 10362 5,05:03 Start		time							
14:49 05:01 05:19 CaPeak.c/s=534 Qual= 1 FePeak=05:00 FePeak.c/s=135 Rast=240"x240"  15:25 Wavelength=2788A Exp #=83576 Rast=180"x1"  14:50:02 04:50:38 04:50:51 Peakc/s=56 Qual=01 Tot Cts=361 Maxkev=102  14:51:57 04:52:08 04:52:17 Peakc/s=38 Qual=01 Tot Cts=100 Maxkev=102  14:51:57 04:52:08 04:52:17 Peakc/s=38 Qual=01 Tot Cts=100 Maxkev=102  14:27 Wavelength=2788A Exp #=83575 Rast=180"x1"  15:2362 Maxev=102  16:2362 Maxev=102  16:2362 Maxkev=102  17:2362 Maxev=102  18:2362 Maxev=102  18:2362 Maxev=103  18:2362 Maxev=103  18:2362 Maxev=103  18:2363 Qual=00  18:2363 Qual=00  18:2363 Qual=00  18:2363 Qual=00  18:2363 Maxev=103  22:2363 Qual=00  23:2363 Qual=00  24:27 Rast=180"x1"  25:25 Wavelength=2788A Exp #=83576 Rast=180"x1"	)4:42 )4:57:24	05:03 04:58:29	05:10		N30E78 Qual=01	AR5354	Mac.=EA0	Carr.Lon.=286deg	=286deg	H.Ang=83deg
Mavelength=2788A	94:49	05:01	05:19		(dua)= 1		maxkev=18/ FePeak.c/s=135		dt= 7.7s	XEN=903602
04:50:38 04:50:51 Peakc/s=56 Qual=01 Tot Cts=361 Maxev=102  Wavelength=2788A Exp #=83575 Rast=180"x1"  04:52:08 04:52:17 Peakc/s=38 Qual=01 Tot Cts=100  Maxev=102  Wavelength=2788A Qual=01 Tot Cts=100  Maxev=102  Maxev=102  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Qual=01 Tot Cts=30  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Qual=01  Ob:19 05:21 CaPeak.c/s=23 Qual= 5 FePeak=05:20 FePeak.c/s=11  Mavelength=2788A Exp #=83576 Rast=180"x1"	5:25	1	'	length≖278			Kast=240"x240" Rast=180"x1"		Cad= 590s 1. Pitch=-350",)	1.024s/pixel ',Yaw=+773"
04:52:08 04:52:17		04:50:38	,	c/s=56 length=278		Event # = 10360 Tot Cts=361 Exp #=83575	MaxkeV=102 Rast=180"x1"	 Step=0"	Pitch=-350",	. Yaw=+773"
DOY=36 Peak End times  Qual=00 05:19 05:21 CaPeak.c/s=23 Qual= 5 FePeak=05:20 FePeak.c/s=11 Wavelength=2788A Exp #=83576 Rast=180"x1"		04:52:08		Peakc/s=38 (Wavelength=2788A	sociatea Qual=01		MaxkeV=102 Rast=180"x1"		Pitch=-350"	, Yaw=+773"
:19	= 22362 ,05:19 start	DOY=36 Peak	time							
:25 Rast=240"x240" 		∷	05:21	ak.c/s=23					dt= 7.7c	XFN=Q03603
	?		-	⊮avelength=2788A	_				Cad= 590s 1 Pitch=-350",	1.024s/pixel ',Yaw=+773"

604 pixel 73"	%6deg 30deg %605 773"	XEN=903606 1.024s/pixel ", Yaw=+773"	86deg	XEN=903607 1.024s/pixe1 ", Yaw=+773"	H.Ang=69deg XEN=903608 1.024s/pixe1 ", Yaw=+773"
XEN=903604 1.024s/pix, , Yaw=+773"	H.Ang=86deg H.Ang=80deg XEN=903605 1.024s/pixe1 ", Yaw=+7/3"	XEN=903606 1.024s/pix ', Yaw=+773"	H.Ang=86deg	XEN=903607 1.024s/pix ", Yaw=+773"	H.Ang: XEN=9( 1.024; )", Yaw=:
dt= 3.8s XEN=903604 Cad= 328s 1.024s/pixel Pitch=-350",Yaw=+773"	88 288 -350	dt= 7.7s Cad= 590s Pitch=-350	-0deg   H.Ang=86d	dt= 7.7s X Cad= 328s 1 Pitch=-350",	Carr.Lon.=299deg H #Peaks=1 dt= 7.7s X Step=10" Cad= 590s 1 Step=0" Pitch=-350",
#Peaks=1 Step=15" Step=0"	=+843" Carr. #Peak Step= Step=	#Peaks=1 Step=10" Step=0"	,Yaw=+843",Roll=Odeg Flags=I Step=O" Pitch	#Peaks=2 Step=15" Step=0"	- '
FePeak.c/s=9 Rast=300"x240" Rast=180"x1"	Pitch=-484", Yaw Mac.=FKC MaxkeV=144 FePeak.c/s=47 Rast=300"x240" Rast=180"x1"	FePeak.c/s=15 Rast=240"x240" Rast=180"x1"	Pitch=-484", Yau MaxkeV=102 Rast=180"x1"	FePeak.c/s=12 Rast=300"x240" Rast=180"x1"	Mac.=EA0 FePeak.c/s=26 Rast=240"x240" Rast=180"x1"
FePeak=06:16 Exp #=83577	Tot Cts=5193 FePeak=08:07 Exp #=83580	FePeak=08:29 Exp #=83580	Tot Cts=399 Exp #=83581	FePeak=09:33 Exp #=83581	AR5354 FePeak=10:58 Exp #=83584
Qual=01 Qual= 1 Code=01	N29E81 N29E75 Qual=01 Qual=01 Qual= 1	Qual=00 Qual= 4	N29E81 Qual=04 Qual=01 Code=00	Qual=01 Qual= 1 A Code=01	N29E62 Qual=01 Qual= 1 A
Importance=C3 CaPeak.c/s=56 Wavelength=2788A	SMM Pointing: HaClass=SF Importance=C4 Peakc/s=348 CaPeak.c/s=213 Wavelength=2788A	CaPeak.c/s=19 Wavelength≈2788A	SMM Pointing: Importance=C2 Peakc/s=50 Wavelength=2788A	Importance=C3 CaPeak.c/s=62 Wavelength=2788A	HaClass=1F Importance=C7 CaPeak.c/s=178 Wavelength=2788A
End times 06:50 06:40	End times 08:12 08:07:03 08:18	End times 08:35	End times 09:30 1 09:18:08	End times 09:59 09:43	End times 12:10 11:47
DOY=36 Peak 06:20 06:21	D0Y=36 Peak 08:08 08:05:40	DOY=36 Peak 08:25	D0Y=36 Peak 09:20 : 09:17:41	00Y=36 Peak 09:35	5 D0Y=36 Peak 11:11 11:08
; # = 22363 ;/05,06:20 Start 06:10 06:12	Event # = 10363 89/02/05,08:08 Start Optical GOES 08:05 HXRBS 08:05 ECS 08:06 FCS 08:32	.# = 22364 :/05,08:25 Start 08:24 08:32	Event # = 11665 89/02/05,09:20 Start GOES 09:18 HXRBS 09:17:15 UVSP 09:09	2/05,09:35 2/05,09:35 Start 09:30 09:18	t # = 22366 2/05,11:11 Start cal 10:45 10:51
Event 89/02/ 60ES BCS FCS UVSP	Event # 89/02/09 0ptical 60ES HXRBS FCS UVSP	Event 89/02/ 60ES BCS FCS UVSP	Event 89/02 60ES HXRBS UVSP	Event 89/02/ 80ES BCS FCS UVSP	Event # 89/02/C 0ptical GOES BCS FCS UVSP

12:41   13:21   CaPeak.c/s=51   Qual=00   Exp #=83586   Rast=180°x1° Step=0°   Pitch=-350   Peak   Exp #=83586   Rast=180°x1° Step=0°   Pitch=-350   Peak   Exp #=83586   Rast=180°x1° Step=0°   Pitch=-350   Peak   Exp #=83588   Rast=180°x1°   Step=0°   Pitch=-350   Peak   Exp #=83588   Rast=180°x1°   Step=0°   Pitch=-350   Peak   Exp #=83588   Rast=180°x1°   Step=0°   Pitch=-350   Peak   Exp #=83588   Rast=180°x1°   Step=0°   Pitch=-350   Peak   Exp #=83588   Rast=180°x1°   Step=0°   Pitch=-350   Pitch=-350   Peak   Exp #=83588   Rast=180°x1°   Step=0°   Pitch=-350   Pi	Event # = 22367 89/02/05,12:41 Start	57 1 D0Y=36 Peak	End times	·						; ; ;
8	60ES BCS 12:40 FCS	7:	5	aPeak.c/	Qual=00 Qual= 5		Febeak C/s=8			
14:51   14:54   CaPeak.c/s=74   Qual=00   Exp #=83588   Rast=180"x1"   Step=0" Pitch=3588   Pitch=350   Pitch=350   Pitch=3588   Pitch=350   Pitch=30	13:13			₩avelength=2788	⋖	Exp #=83586	Rast=300"x240" Rast=180"x1"			<pre></pre>
14:51 14:54 CaPeak.C/s=74 Qual=2 FePeak=14:50 Rast=300"x240" Step=15" Cad= 328s Rast=180"x1" Step=15" Cad= 328s Pitch=-350	t # = 2238 2/05,14:51 Start	DOY=3 Peak							1	
15:33   15:36   End times   HaClass=SF   Rast=180"x1"   Step=0"   Pitch=-350     15:33   15:36   CaPeak.c/s=20   Qual=04     15:33   15:36   CaPeak.c/s=20   Qual=04     15:33   15:36   CaPeak.c/s=20   Qual=05     15:30   Qual=01   CaPeak.c/s=30   CaPeak.c/s=30     15:30   Qual=01   CaPeak.c/s=30   CaPeak.c/s=30   CaPeak.c/s=30     15:30   Qual=00   CaPeak.c/s=30   CaPeak.c/s=30   CaPeak.c/s=30     15:01   CaPeak.c/s=30   CaPeak.c/s=30   CaPeak.c/s=30   CaPeak.c/s=30     15:02   Qual=00   CaPeak.c/s=30   CaPeak.c		14:51	14:54	Peak.c/s=7	Qua}=00 Qua]= 2		FePeak.c/s=14	#Peaks=	γ γ γ	13000-813
15:33   15:36   End times	14:46	ļ		₩avelength=2788A		Exp #=83588	Rast=300"x240" Rast=180"x1"	Step=15 Step=0"	Cad= 328s Pitch=-35(	1.024s/pixel 1.74s/pixel 3",Yaw=+773"
15:35   15:36   CaPeak.c/s=20   Qual=5   FePeak=15:33   FePeak.c/s=8   FePeaks=1   Gar-lon.=286deg     1007=36   Wavelength=27884   Exp #=83589   Rast=180"x1"   Step=0"   Cad=1.02s     1008=36   Farat=0.x0"   Step=0"   Cad=1.02s     1008=36   Farat=0.x0"   Step=0"   Cad=1.02s     1008=36   Farat=0.x0"   Step=0"   Pitch=-350     1008=36   Farat=0.x0"   Step=0"   Pitch=-350     1008=36   Farat=0.x0"   Step=0"   Pitch=-350     1008=36   Farat=0.x0"   Step=0"   Pitch=-350     1008=36   Farat=0.x0    FePeak.c/s=36     1009=36   Farat=0.x0    FePeak=19:01     1008=36   Farat=0.x0    FePeak=19:01     1009=36   Farat=0.x0    FePeak=19:01     1009=36   Farat=0.x0    FePeak=19:01     1009=36   Farat=0.x0    FePeak=19:01     1009=36   Farat=0.x0    Farat=0.x0    Farat=0.x0    Farat=0.x0    Farat=0.x0    Farat=0.x0    Farat=0.x0    Farat=0.x0    Farat=0.x	t # = 2236 2/05,15:33 Start sal		time	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	M28E72	A 7 C 3 C A				
Start   Peak   Exp	7	7.2	15.36		Qua]=04	AK3334	Mac.=EAO	Carr.Lon	.=286deg	H.Ang=77deg
19:01   19:10	15:22		05:51	<u> </u>	Qua]≖ 5	FePeak=15:33 Exp #=83589	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-350	XEN=903611 1.024s/pixel ", Yaw=+773"
19:01   19:10	# = 1036 /05,19:01 Start	4 D0Y=36 Peak	End times	SMM	N28E67		Pitch=-496", Yaw		1=0deq	H.Ana=73dea
19:02 19:06 CaPeak.c/s=36 Qual=01 Tot Cts=942 Maxkev=102   Peak.c/s=36 Qual= 3 FePeak=19:01 FePeak.c/s=36 #Peaks=1 dt= 7.7s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x1" Step=0" Pitch=-371" Step=0" Pitch=-371" Step=0" Pitch=-371" Pitch=-499" Pointing: N28E67 Peak Coll:58 20:12:05 Pe	al 18:35 18:54:30	19:01	19:10	HaClass=1N Importance=C2	N29E68 Qual=03	AR5354	Mac.=EA0	Carr.Lon.	=288deg	H.Ang≃74deg
DOY=36  DOY=36  Exp #=83594  Rast=180"x1" Step=0" Cade 390s  Pitch=-496", Yaw=+791", Roll=0deg  20:11:58 20:12:05 Peakc/s=41  Wavelength=2788A  Qual=00  Exp #=83595  Pitch=-496", Yaw=+791", Roll=0deg  Rast=243"x243" Step=3" Pitch=-499"  Rast=243"x243" Step=3" Pitch=-499"  Rast=243"x243" Step=0" Cad=1.02s  Rast=243"x243" Step=0" Cad=1.02s  Wavelength=2788A  Exp #=83595  Rast=243"x243" Step=0" Cad=1.02s  Rast=243"x243" Step=0" Pitch=-499"	18:39	19:02	19:03:02 19:06	Peakc/s=48 CaPeak.c/s=306	Qual=01 Qual= 3	Tot Cts=942 FePeak=19:01	MaxkeV=102 FePeak.c/s=36 Rast=240"x240"		dt= 7.7s	XEN=903612
DOY=36 Peak End times 20:11:58 20:12:05 Peakc/s=41 Qual=01 DOY=36 Peak End times  Qual=00 Qual=00 Tot Cts=101 MaxkeV=102 Rast=243"x243" Step=3" Pitch=-499" Pitch=-496", Yaw=+791", Roll=0deg  Qual=00 Exp #=83595 Rast=243"x243" Step=3" Pitch=-499" Pitch=-496", Yaw=+791", Roll=0deg  Qual=00 Qual=00 Qual=00 Qual=00 Exp #=83595 Rast=243"x243" Step=3" Pitch=-499" Pitch=-499" Pitch=-499" Pitch=-496", Yaw=+791", Roll=0deg  Qual=00 Exp #=83595 Rast=243"x243" Step=3" Pitch=-499" Pitch=-499"	13.61					Exp #=83594	Rast=180"x1"		cad= 590s Pitch=-371	1.024s/pixel ",Yaw=+715"
20:11:58 20:12:05 Peakc/s=41 Qual=01 Tot Cts=101 RaxkeV=102 Wavelength=2788A Lage	# = 1036: /05,20:11 Start		End times	SMM Pointing:	N28E67		Pitch=-496", Yaw	=+791", Rol	]=0deg	H.Ang=73deg
DOY=36 Peak End times  Qual=00  20:14	20:11:44 20:16			<c s="41&lt;br">elength=2788A</c>		Tot Cts=101 Exp #=83595	MaxkeV=102 Rast=243"x243"	ຕີ	Pitch=-499'	", Yaw=+796"
20:14	# = 22370 '05,20:14 Start		End times							The state of the s
Mavelength=2788A Exp #=83595 Rast=243"x243" Step=3" Pitch=-499"	20:14			eak.c/s=18		FePeak=20:15			dt= 7.7s	FN=90361
	20:16			Wavelength=2788A	_	Exp #≂83595			Cad=1.02s Pitch=-499"	.024s/pi

1		1			
XEN=903614 1.024s/pixel ', Yaw=+791"	H.Ang=73deg , 'Yaw=+784"	H.Ang=72deg H.Ang=71deg XEN=903615 1.024s/p'xel '', Yaw=+504"	H.Ang=69deg H.Yaw=+504"	H.Ang=69deg XEN=903700 1.024s/pixel 2", Yaw=+781"	H.Ang=72deg H.Ang=72deg H.Ang=84deg XEN=903701 1.024s/pixel 0", Yaw=+774"
dt= 7.7s X Cad=1.02s 1 Pitch=-500",	, Roll=Odeg H	1=90deg =290deg dt= 7.7s cad= 590s Pitch=+787	=90deg	.=291deg H dt= 7.7s X Cad=1.02s 1 Pitch=-502",	+772", Roll=Odeg H Carr.Lon.=289deg H Carr.Lon.=275deg H Carr.Lon.=275deg K Step=0" Cad=1.02s 1 Step=10" Pitch=-510",
*Peaks=1 Step=0" Step=5"	,Yaw=+783",Rol	=+508" Carr. #Peak Step= Step=	,Yaw=+508",Roll=90deg Carr.Lon.=291deg " Step=10" Pitch=	Carr.Lon #Peaks=1 Step=0" Step=5"	, Yaw=+772", Rol Carr.Lon. Carr.Lon. 23 #Peaks=2 Step=0" 1" Step=10"
FePeak.c/s=6 Rast=0"x0" Rast=265"x265"	Pitch=-506", Yaw MaxkeV=102 Rast=30"x30"	Pitch=+773", Yaw: Mac.=EA0 MaxkeV=102 FePeak.c/s=137 Rast=240"x240" Rast=30"x30"	Pitch=+773", Ya Mac.=FKC MaxkeV=102 Rast=30"x30"	Mac.=FKC FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	Pitch=-509", Ya Mac.=FKC MaxkeV=102 FePeak.c/s=23 Rast=0"x0" Rast=30"x30"
FePeak=21:47 Exp #=83596	Tot Cts=150 Exp #=83598	AR5354 Tot Cts=2871 FePeak=23:32 Exp #=83603 6 D0Y=37	AR5354 Tot Cts=161 Exp #=83605	AR5354 FePeak=00:53 Exp #=83606	AR5354 AR5354 Tot Cts=173 FePeak=01:20 Exp #=83608
Qua]=05 Qua]= 5	N29E67 Qual=00 Qual=01	N29E65 N29E64 Qual=04 Qual=1 Qual=1 Code=00	N29E65 N27E63 Qual=01 Qual=01	N28E62 Qual=05 Qual= 5	N29E65 N31E64 N34E78 Qual=01 Qual=1 Qual= 1
CaPeak.c/s=19 Wavelength=1375A	SMM Pointing: Peakc/s=44 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=C9 Peakc/s=91 CaPeak.c/s=568 Wavelength=1375A	SMM Pointing: HaClass=SF Peakc/s=81 Wavelength=1375A	HaClass=SF CaPeak.c/s=38 Wavelength=13754	SMM Pointing: N HaClass=1N N Code=BSL Importance=C3 Peakc/s=48 CaPeak.c/s=108 Peak3c/s=515 Wavelength=1375A
End times 21:50	End times 22:21:03	End times 23:39 23:32:18 00:05	End times 9 00:04:46	End times 01:02	7 End times 01:26 :55 01:17:08
DOY=36 Peak 21:47	DOY=36 Peak 22:20:40	DOY=36 Peak 23:33 23:32 23:32	DOY=37 Peak 2 00:04:39	2 D0Y=37 Peak 00:53	DOY=3 Peak 01:21 01:16 01:16
2/05,21:47 2/05,21:47 21:47 21:48	Event # = 10366 89/02/05,22:20 Start GOES HXRBS 22:20:32 UVSP 21:50	Event # = 10367 89/02/05,23:33 Start Optical GOES 23:28 HXRBS 23:29:39 BCS 23:22 FCS 23:22	Event # = 10368 89/02/06,00:04 Start Optical GOES HXRBS 00:04:32 UVSP 23:56	Event # = 22372 89/02/06,00:53 Start Optical GOES BCS 00:53 FCS	Event # = 10369 89/02/06,01:21 Start Optical Optical GOES 01:17 HXRBS 01:16:38 BCS 01:04 FCS 00:59
Event 89/02/ 60ES BCS FCS UVSP	Event 89/02/ GOES HXRBS UVSP	Event # 89/02/0 0ptical 60ES HXRBS BCS FCS UVSP	Event 89/02/ 0ptica GOES HXRBS UVSP	Event 89/02/ 89/02/ Optica GOES BCS FCS UVSP	Eve 89/ 89/ 00t 600t HXR BCS FCS

vent # = 223	73								
89/02/06,02:17 Start	/3 DOY=37 Peak	Fnd times							
Optical GOES 02:11	02:17	02:46	HaClass=SN Importance=M1	N29E64 Oual=05	AR5354	Mac.=FKC	Carr.Lon	Carr.Lon.=288deg	H.Ang=71deg
97:70 S:	02:27	03:23	CaPeak.c/s=373	Qual= 5	FePeak=02:27	FePeak.c/s=35			XEN=903702
SP 02:29			₩avelength=1375A		Exp #=83611	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=-504	=
Event # = 10370 89/02/06,02:57 Start	70 7 DOY=37 Post	+	SMM Pointing:	N29E63		Pitch=-511".Yav	.Yaw=+762" Roll=Uden	]]=Odea	
Optical GOES 02:53	02:57	03:09	HaClass=SF	N28E62	AR5354	Mac.=FKC	Carr. Lon. =290deq	.=290deq	H.Ang=69deg
RBS 02:52:09 SP 02:31	9 02:52:21	1 02:52:46	Peakc/s=64 Wavelength=1375A	Qual=01 Code=00	Tot Cts=241 Exp #=83612	MaxkeV=230 Rast=70"x70"	Step=5"	Pitch=-504"	", Yaw=+775"
Event # = 1037 89/02/06,05:36 Start	1 D0Y=37 Peak	End times	SMM Pointing:	N29E62		Pitch=-513", Yaw	, Yaw=+756", Roll=Odeg	]=0deg	H.Ang=70deg
ical S 05:32	05:36			N30E63 Oual=04	AR5354	Mac.≖FKC	Carr.Lon.=288deg	=288deg	H.Ang=70deg
05:34 05:34	1 05:34:08 05:35	8 05:36:23 05:51	~ ~	Qual=01 Qual= 1	Tot Cts=11882 FePeak=05:35	MaxkeV=187 FePeak.c/s=148	Flags=M5		COLCOOTHIA
UVSP 05:24 Radio Freque	05:24 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=2788A 8800/190 15400/64	Code=00	Exp #=83615	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=-379"	AER=903/03 0.256s/pixel ",Yaw=+682"
2/0	3 D0Y=37 Peak	End times	SMM Pointing:	N29E62		Pitch=-513", Yaw=+756", Roll=Odeg	=+756", Ro1	1=0deg	H.Ang=70deg
GUES HXRBS 06:28:20 UVSP 06:22	06:28:31	. 06:28:42	Peakc/s=63 Wavelength=2788A	Qual=06 Qual=01	Tot Cts=150 Exp #=83616	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=_380" Vaw=1670	
Event # = 22374 89/02/06,07:09 Start	t D0Y=37 Peak	End times					-		
BCS 07:08	60:20	07:19	CaPeak.c/s=19 (	Qual=05 Qual= 4	FePeak=07:08	FePeak.c/s=7	#Doate::1	7 7 7	1000 C
06:58			Wavelength=2788A			Rast=0"x0" Rast=180"x1"		ut= /./s Cad=1.02s Pitch=-381"	
Event # = 22375 89/02/06,08:44 Start 60ES 08:38	DOY=37 Peak 08:44	End times 08:48		),,a]=03			1		
BCS 08:40 FCS	08:43		CaPeak.c/s=66	(ual= 1	FePeak=08:43			dt= 3.8s )	XEN=903705
08:31		_	Wavelength=2788A Code=00		Exp #=83619	Rast=300"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 328s 1 Pitch=-381",	1.024s/pixel ',Yaw=+670"

89/02/06,09:31 D0Y=37 Start Peak Optical GOES 09:12 09:31 HXRBS 09:14:20 09:19: BCS 09:10 09:30		•		NOOFFI		Pitch=-515", Yaw=	, Yaw=+745", Roll=Udeg	_	H. Ally-boucy
		S End times H	nting. ass=SF	430E57	AR5354 P	Mac.=FKC	Carr.Lon.=291deg		H.Ang=66deg
	31 19:56 30	0	Importance=M1 C Peakc/s=185 ( CaPeak.c/s=865 ( Wavelength=2788A (	Qual=03 Qual=01 Qual= 1 Code=00 E		MaxkeV=102 FePeak.c/s=166 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-382"	dt= 7.7s XEN=903706 Cad= 590s 1.024s/pixel Pitch=-382",Yaw=+666"
Frequency( 10:13 10:15	MHz)/Fl  :15	1	606/43 2695/32 499 Ass . CaPeak.c/s=56 . Wavelength=2788A	95/41 880 sociated Qual= 4	3 2695/32 4995/41 8800/100 15400//3	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s X Cad= 590s 1 Pitch=-383",	XEN=903707 1.024s/pixel ", Yaw=+664"
nt # = 11666 02/06,11:12	Y=37		SMM Pointing:	N29E60		Pitch=-517", Yaw=+735"	=+735", Roll	,Roll=Odeg	H.Ang≐67deg
Start Pec GOES 11:05 11 HXRBS 11:06:46 11 BCS 10:56 11 ECS 11:03	Peak 11:12 11:07:06 11:08 11:05	End times 11:18 11:07:49 11:10	Importance=C6 Peakc/s=172 CaPeak.c/s=173 Peak3.c/s=2 Wavelength=2788A	Qual=02 Qual=01 Qual= 1 Code=00	Tot Cts=1511 FePeak=11:08 Exp #=83622	MaxkeV=144 FePeak.c/s=42 Rast=240"x240" Rast=180"x1"	Flags=1,N #Peaks=2 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-383	XEN=903708 1.024s/pixel ", Yaw=+660"
11:03 - 1 1 1 1 4 8 1 1 1 1 1 1 1 3 8	. 48	11:54	CaPeak.c/s=21 Wavelength=2788/	sociated Qual= 5	Event # = 2237/ FePeak=11:48 Exp #=83623	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	= 7.7s d=1.02s tch=-384	XEN=90 1.024s
Event # = 22378 89/02/06,12:35 00 Start Pe GOES 12:35 12 FCS 12:36	DOY=37 Peak 12:35	End times 12:37	CaPeak.c/s=20 Wavelength=2788A	Qual=00 Qual= 4	FePeak=12:35 Exp #=83624	FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-385"	XEN=903710 1.024s/pixel ", Yaw=+653"
1	D0Y=37 Peak 13:28	End times 13:29	CaPeak.c/s=18 Wavelength=2788A	Qual=00 Qual= 4	FePeak=13:28 Exp #=83625	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-385	XEN=903711 1.024s/pixel ", yaw=+651"
-	0Y=37		SMM Pointing:	N29E58		Pitch=-519",Ya	, Yaw=+725", Roll=Odeg	11≖0deg	H.Ang≃66deg
34:01 34:01 32	13:341 13:34:13 13:32	13:43 8 13:34:38 13:34	Importance=C3 Peakc/s=72 CaPeak.c/s=20	Qual=02 Qual=01 Qual= 4	Tot Cts=501 FePeak=13:32 Exp #=83625	MaxkeV=14 FePeak.c/ Rast=0'x0 Rast=180"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-38	XEN=903712 1.024s/pixel 5", Yaw=+651"
13:12 5 S 13:36:14	13:36:29 13	9 13:36:35	eakc/s=47	Associated Qual=01	Event # = 1037 Tot Cts=175	5	 		

Event # = 10376  89/02/06,18:02  Event # = 10376  Event # = 1037  BCS 14:11 14:12 14:15 CaPeak.c/s=19 Qual=05  Start Peak 14:38 14:43 Importance=C7 Qual=05  Event # = 10376  Event # = 1037  Event # = 22382  Event # = 2	O#	., Yaw=	=10  #Peaks=1	XEN=903713 1.024s/pixel XEN=903714 1.024s/pixel 6", Yaw=+645" H.Ang=65deg H.Ang=94deg XEN=903715 1.024s/pixel 8", Yaw=+633"
#avelength=2788A  8		1	Step=0" Cad=1.02s Step=0" Pitch=-38 tep=0" Cad=1.02s step=0" Pitch=-38s tep=15" Cad= 328s tep=15" Cad= 328s tep=15" Cad= 328s	XEN=903714 1.024s/pixel 1.024s/pixel 6", Yaw=+645" H.Ang=65deg H.Ang=94deg XEN=903715 1.024s/pixel 8", Yaw=+633"
8 DOY=37 Peak End times 14:38			Peaks=1 dt= 7.7s Step=0" Cad=1.02s Step=0" Pitch=-38 714",R011=0deg arr.Lon.=254deg Peaks=2 dt= 7.7s tep=15" Cad= 328s tep=0" Pitch=-388	XEN=903714 1.024s/pixel 1.024s/pixel 6", Yaw=+645" H.Ang=65deg H.Ang=94deg XEN=903715 1.024s/pixel 8", Yaw=+633"
14:56		1	Peaks=1 dt= 7.7s Step=0" Cad=1.02s Step=0" Pitch=-38 714",R011=0deg arr.Lon.=254deg Peaks=2 dt= 7.7s tep=15" Cad= 328s tep=0" Pitch=-388	XEN=903714 1.024s/pixel 1.024s/pixel 6", Yaw=+645" H.Ang=65deg H.Ang=94deg XEN=903715 1.024s/pixel 8", Yaw=+633"
DOY=37 Peak  16:58 17:50 16:48:03 16:49:58 16:49 16:49 16:49 16:49 16:49 16:49 16:49 16:49 17:24  Mavelength=2788A  DOY=37  End times Peak  Pointing:  Wavelength=2788A  DOY=37  B:00:37  B:00:53  Peakc/s=194  HaClass=SF  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A		1 1	Step=0" Cad=1.02s Step=0" Pitch=-38d -714", Roll=0deg arr.Lon.=254deg Peaks=2 dt= 7.7s tep=15" Cad= 328s tep=16" Pitch=-388	1.024s/pixel 6", Yaw=+645" H.Ang=65deg H.Ang=94deg XEN=903715 1.024s/pixel 8", Yaw=+633"
DOY=37 Peak Lode=EPL		l L	714", Roll=Odeg arr.Lon.=254deg Peaks=2 dt= 7.7s tep=15" Cad= 328s tep=0" Pitch=-388	H.Ang=65deg H.Ang=94deg XEN=903715 1.024s/pixe1 B", Yaw=+633"
16:58 17:50 Importance=M2 16:48:03 16:49:58 Peakc/s=320 16:49:17:24 CaPeakc/s=607 Mavelength=2788A Type/Intensity: II/2 SMM Pointing: Peak End times HaClass=SF 18:02 18:14 CaPeakc/s=194 CaPeak.c/s=82 Wavelength=2788A Wavelength=2788A Wavelength=2788A	ļ .		S=2 0"	H.Ang=94deg XEN=903715 1.024s/pixe1 8",Yaw=+633"
16:49 17:24 CaPeak.c/s=607 Type/Intensity: Wavelength=2788A  Type/Intensity: I1/2  D0Y=37 Peak End times HaClass=SF 18:00:37 18:00:53 Peakc/s=194 18:02 18:14 CaPeak.c/s=82 Wavelength=2788A D0Y=37 Peak End times 18:23 18:27 CaPeak.c/s=26 Wavelength=2788A			s=2 15" 0"	XEN=903715 1.024s/pixel 8", Yaw=+633"
D0Y=37 Peak End times HaClass=SF 18:00:37 18:00:53 Peakc/s=194 18:02 18:14 CaPeak.c/s=82 Wavelength=2788A D0Y=37 Peak End times 18:23 18:27 CaPeak.c/s=26 Wavelength=2788A			704" Doll=Oden	
18:00:37 18:00:53 Peakc/s=194 18:02 18:14 CaPeak.c/s=82 Wavelength=2788A DOY=37 End times 18:23 18:27 CaPeak.c/s=26 Wavelength=2788A		Pitch=-522", Yaw=+704"	י אטייין ייטעי אטי	H.Ang=64deg
18:00:37 18:00.53 Peakc/s=194 18:02 18:14 CaPeak.c/s=82 Wavelength=2788A  DOY=37 Peak End times 18:23 18:27 CaPeak.c/s=26 Wavelength=2788A		Mac.=FKC Ca	Carr.Lon.=289deg	H.Ang=64deg
Wavelength=2788A DOY=37 Peak End times 18:23 18:27 CaPeak.c/s=26 Wavelength=2788A	i=Ul			XEN-002716
DOY=37 Peak End times 18:23 18:27 CaPeak.c/s=26 Wavelength=2788A	Exp #=83631	Rast=300"x240" St Rast=180"x1" St	Step=15" Cad= 328s 1 Step=0" Pitch=-389",	1.024s/pixel 1.7aw=+631"
3 18:27 CaPeak.c/s=26 Wavelength=2788A				
Wavelength=2788A	Qual=00 Qual= 4 FePeak=18:21		dt= 7.7s	XFN=Q03717
	Exp #=83632	Rast=240"x240" St Rast=180"x1" St	Step=10" Cad= 590s 1 Step=0" Pitch=-389",	1.024s/pixel ",Yaw=+626"
19:21 19:42 Importance=M1 Qual=05	E55 AR5354 1=05	Mac.=FKC Ca	Carr.Lon.=288deg	H.Ang=64deg
9:30	l= 5 FePeak=19:36	FePeak.c/s=15 #Pe Rast=0"x0" Ste	#Peaks=1 dt= 3.8s X Step=0" Cad=.26s 0	XEN=903718

		SMM Pointing: N	N29E54		Pitch=-525",Yaw=+693"	+693", Rołl=Uaeg	n geg	especial field .
End 5:11 21:19 pe/Intens	times 5:21 ity:	Peakc/s=42 0 Wavelength=2788A III/2 V/2	Qual=00 Qual=01	Tot Cts=106 Exp #=83635	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-518".	, Yaw=+699"
D0Y=37			N29E54		25"	, Yaw=+693", Roll	_	H.Ang=63deg
End	. Imes		425E28		Mac.=FKC	Carr.Lon.=	=314aeg	4. Arig -46.469
21:26 21:31 21:22:56 21:25 21:25 21:47	5:46	Importance=11 Peakc/s=102 CaPeak.c/s=525	Qual=01 Qual= 1	Tot Cts=2181 FePeak=21:25	MaxkeV=102 FePeak.c/s=114 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s X Cad=3840s	XEN=903719 3840s/pixel
	3	Wavelength=2788A	Code=00	Exp #=83635	Rast=243"x243"	Step=3"	Pitch=-518	, raw=+oyu
0,4=3,7		SMM Pointing:	N29E53		Pitch=-526",Yaw⁼	, Yaw=+683", Roll	,Roll=Odeg	H.Ang=62deg
Peak End	times F	Class=SF	N19E19	AR5347	Mac.=BXO	Carr.Lon.=322deg	=322deg	H.Ang≖32deg
23:18:28 23:18 23:24 23:21	8:39 6	Peakc/s=57 CaPeak.c/s=55	Qual=01 Qual=01 Qual= 1	Tot Cts=367 FePeak=23:24	MaxkeV=102 FePeak.c/s=12 Dast=0"x0"	#Peaks=2 Step=0"	dt= 3.8s Cad=3840s	XEN=903720 3840s/pixel
		Wavelength=1375A		Exp #=83640	Rast=30"x30"	Step=10"	Pitch=-548	", Yaw=+6/2"
			89/02/02	7 DOY=38				-
00Y=38		SMM Pointing:	N29E52		Pitch=-527", Yaw=+671", Roll=Odeg	=+671",Rol	1=0deg	H.Ang=61deg
Start Peak End GOES 00:27 00:30 00: HXRBS 00:28:19 00:28:41 00: RCS 00:27 00:27 00:	End times 00:36 00:30:09 00:29	Importance=C4 Peakc/s=112 CaPeak.c/s=22	Qual=01 Qual=01 Qual= 1	Tot Cts=3290 FePeak=00:27	MaxkeV=187 FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=903800 1.024s/pixel
Type/I	nsity:	Wavelength=1375A III/3 V/2	Code=00	Exp #=83643	Rast=30"x30"	Step=10"		, 'aw=+091
DOY=38 Peak End 00:43 00:	End times 00:46	CaPeak.c/s=20 Wavelength=1375A	Qua]=00 Qua]= 4	FePeak=00:44 Exp #=83643	FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s XI Cad=1.02s 1 Pitch=-544",	XEN=903820 1.024s/pixel 1", Yaw=+691"
t # = 10381 2/07,00:54 DOY=38 Start Peak End	times	SMM Pointing:	N29E52 N32E56	AR5354	Pitch=-527", Ya	,Yaw=+671",Ro Carr.Lon	+671",Roll=Odeg Carr.Lon.=284deg	H.Ang=61deg H.Ang=66deg
2	00:58 00:53:40 01:04	Importance=C4 Peakc/s=157 CaPeak.c/s=85 Wavelength=1375A		Tot Cts=1184 FePeak=00:54 Exp #=83645	MaxkeV=144 FePeak.c/s=19 Rast=300"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=10"	dt= 3.8s X Cad= 328s 1 Pitch=-539",	XEN=903821 1.024s/pixel 9", Yaw=+679"

89/02/07/02:15 Peak Collision Patricing: NOS51 Pitton-529", Yaw-f66", Roll-Odeg H.Ang-Godeg BSD Collision Patricing: NOS51 Pitton-529", Yaw-f66", Roll-Odeg H.Ang-Godeg Collision Patricing Collision Patricin	VPN+ # = 102	60								
Coling   C	9/02/07,02:1	5 DOY=38		SE	N29E51		Di+ch- E20" V-			
02:15 02:38	)ES 02:09 (RBS 02:10:0	754K 02:16 00:14:2	End time 02:25 21 02:16:07	s Importance=M1 Peakc/s=948			_	W=+001", Ko	I I =0deg	H.Ang=60deg
DOY=38	01:40 S:	02:15	02:38	CaPeak.c/s=806			FePeak.c/s=241			00000-HTV
DOY=38 End times  O2:43 O2:45 CaPeak.c/s=36 Qual=00  O2:43 O2:45 End times  DOY=38 End times  O3:51 CaPeak.c/s=36 Qual=00  O3:48 O3:51 CaPeak.c/s=22 Qual=00  O4:17 O4:18 CaPeak.c/s=30 Qual=0  O4:17 O4:18 CaPeak.c/s=30 Qual=0  O4:17 O4:18 CaPeak.c/s=30 Qual=0  O4:17 O4:18 CaPeak.c/s=30 Qual=0  O5:08 O5:12 CaPeak.c/s=18 Qual=4 FePeak=05:09 FePeak.c/s=6 FPeaks=1 CaPeak.c/s=6 Cad=1.02s Step=0  O6:08 O5:12 CaPeak.c/s=18 Qual=4 FePeak=05:09 FePeak.c/s=6 FPeaks=1 CaPeak.c/s=6 Cad=1.02s Step=0  O3:48 O3:51 CaPeak.c/s=18 Qual=0 FPeak=05:09 FePeak.c/s=7 Step=0  O4:17 O4:18 CaPeak.c/s=18 Qual=4 FePeak=05:09 FePeak.c/s=6 FPeaks=1 CaPeak.c/s=7 Step=0  O5:08 O5:12 CaPeak.c/s=18 Qual=4 FePeak=05:09 FePeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=05:09 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeaks=1 CaPeak.c/s=6 FPeaks=1 CaPeaks=1		ncy(MHz)/	/Flux(sfu):	Wavelength=1375 2695/23 8800/28	A Code=00 15400/90	Exp #=83648	Rast=240"x240" Rast=30"x30"			Acn=903822 1.024s/pixe} ",Yaw=+659"
02:43 02:45 CaPeak.c/s=36 Qual=0	ent # = 2238 /02/07,02:43 Start Start	1	End times							
DOY=38   End times   DOY=38   Exp #=83650   Rast=20(")x240   Step=10" Doy=38   End times		02:43	02:45	CaPeak.c/s=36	Qual=00 Qual= 4	FePeak=02:43	FePeak, c/s=8			
DOY=38  DOY=38  03:51	P 02:25			Wavelength=1375⊅		Exp #=83650	Rast=240"x240" Rast=30"x30"		Cad= 590s Pitch=-535	
03:48 03:51 CaPeak.c/s=22 Qual=00    Mayelength=1375A	nt # = 2238 02/07,03:48 Start	6 D0Y=38 Peak	End times					-		100
DOY=38  DOY=38  DOY=38  DOY=38  DOY=38  End times  O4:18  DOY=38  End times  O4:18  DOY=38  End times  O4:18  Capeak.c/s=12  Qual=00  Qual=00  Gual=00  Exp #=83652  Exp #=83652  Bast=0"x0"  Rast=0"x0"  Step=6"  Gad=1.02s  Rast=0"x0"  Step=6"  Gad=1.02s  Rast=0"x0"  Step=6"  Step=1.02s  Step=6"  Step		03:48	03:51	CaPeak.c/s=22	Qua]=00 Qua]= 4	FePeak=03:48	Febal c/c-0		! ! :	
DOY=38 Feak End times  03:57 03:58 CaPeak.c/s=21 Qual=00  03:57 03:58 CaPeak.c/s=21 Qual=00  03:57 03:58 CaPeak.c/s=21 Qual=0  04:18	P 03:28			Wavelength=1375A		Exp #=83652	Rast=0"x0" Rast=70"x0" Rast=70"x70"	*reaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Di+ch- 623"	XEN=903801 1.024s/pixel
03:57 03:58 CaPeak.c/s=21 Qual=00 03:57 03:58 CaPeak.c/s=21 Qual=03 04:18	nt # = 2238. 02/07,03:57		-						676-11-21-1	, raw=+006
03:57 03:58	ז המו ר 2		end times		0.131=00					
DOY=38  Peak End times  04:17  04:18		03:57	03:58	CaPeak.c/s=21	Qual= 4	FePeak=03:57	FePeak.c/s=12		dt= 7 7c	000000
DOY=38  Peak End times 04:15	03:28					Exp #=83652	Rast=0"x0" Rast=70"x70"		Cad=1.02s Pitch=-523"	1.024s/pixel
04:46 Wavelength=2788A Exp #=83653 Rast=180"x1" Step=0" Cad=1.02s Cad=1.02s Step=0" Cad=1.02s Ca	t # = 22388 2/07,04:18 Start 04:15 04:08	DOY=38 Peak 04:18 04:17	End times 04:35 04:18	Importance=C3 CaPeak.c/s=30			Epbask c/c-7	į		
T = 22389 2/07,05:08	04:46			ength=2788A	_		Rast=0"x0" Rast=180"x1"		dt= /./s ) Cad=1.02s 1 Pitch=-396",	(EN=903803 .024s/pixel Yaw=+578"
05:08 05:08 05:12			End times							
04:46   Mavelength=2788A   Exp #=83653   Rast=10"x0"   Step=0" Cad=1.02s   Rast=180"x1"   Step=0" Pitch=-396"		05:08	05:12						dt= 7 7c v	FN-00000
	90			Wavelength≂2788A	ш				Cad=1.02s 1 Pitch=-396",	.024s/pixel Yaw=+578"

		1	l		
XEN=903805 1.024s/pixel ''', Yαw=+5/3"	H.Ang=59deg H.Ang=63deg XEN=903806 1.024s/pixel ", Yaw=+565"	H.Ang=62deg XEN=903807 1.024s/pixel '', Yaw=+562"	XEN=903808 1.024s/pixel 9", Yaw=+557"	XEN=903809 1.024s/pixel 9", Yaw=+554"	XEN=903810 1.024s/pixel 00", Yaw=+548"
dt= 7.7s XI Cad=1.02s 1. Pitch=-397",	9 .85 590s =-398	=285deg H dt= 3.8s X Cad= 590s 1 Pitch=-399",	dt= 7.7s Cad= 590s Pitch=-399"	dt= 7.7s XE Cad=1.02s 1. Pitch=-399",	dt= 7.7s XI Cad=1.02s 1 Pitch=-400",
#Peaks=1 Step=0" Step=0"	=+640",Roll=0deg Carr.Lon.=283deg #Peaks=1 dt= 3. Step=10" Cad= 5 Step=0" Pitch=	Carr.Lon.=285deg #Peaks=1 dt= 3. Step=10" Cad= 5 Step=0" Pitch=	#Peaks=1 Step=10" Step=0"	#Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"
FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	Pitch=-532", Yaw=+640", Roll=0deg Mac.=FKC Carr.Lon.=283de MaxkeV=144 FePeak.c/s=19 #Peaks=1 dt= 3 Rast=240"x240" Step=10" Cad= Rast=180"x1" Step=0" Pitch	Mac.=FKC FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	FePeak.c/s=13 Rast=240"x240" Rast=180"x1"	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"
FePeak=05:23 Exp #=83654	AR5354 Tot Cts=2073 FePeak=06:52 Exp #=83656	AR5354 FePeak=08:03 Exp #=83657	FePeak=08:49 Exp #=83658	FePeak=09:37 Exp #=83659	FePeak=10:03 Exp #=83660
Qual=01 Qual= 1	N29E49 N29E54 Qual=01 Qual=1 Qual= 1	N32E51 Qual=05 Qual= 5 Qual= 5	Qua]=00 Qua]= 1 A	Qual=05 Qual= 5 SA Code=02	Qual=01 Qual= 1 8A
Importance=C3 CaPeak.c/s=28 Wavelength=2788A	SMM Pointing: HaClass=1N Importance=C4 PeakC/s=131 CaPeak.c/s=93 Wavelength=2788A	HaClass=1F Importance=C4 CaPeak.c/s=45 Wavelength=2788A	CaPeak.c/s=34 Wavelength≃2788A	Importance=C4 CaPeak.c/s=29 Wavelength=2788A	Importance=C3 CaPeak.c/s=42 Wavelength=2788A
End times 05:30 05:30	End times 06:57 06:52:44 07:02	End times 08:24	End times 08:59	End times 09:29 09:47	End times 10:12 10:12
DOY=38 Peak 05:24 05:22	DOY=38 Peak 06:54 06:53 06:53	DOY=38 Peak 07:56 08:03	. D0Y=38 Peak 08:53	3 D0Y=38 Peak 09:25 09:37	4 DOY=38 Peak 10:04 10:03
Event # = 22390 89/02/07,05:24 Start GOES 05:15 BCS 05:18 FCS 05:44	Event # = 10383 89/02/07,06:54 Start Optical GOES 06:50 HXRBS 06:50:52 BCS 06:51 FCS	Event # = 22391 89/02/07,07:56 Start Optical GOES 07:52 BCS 08:02 FCS	Event # = 22392 89/02/07,08:53 Start GOES BCS 08:49 FCS UVSP 08:51	Event # = 22393 89/02/07,09:25 Start GOES 09:22 BCS 09:36 FCS UVSP 09:28	Event # = 22394 89/02/07,10:04 Start GOES 10:00 BCS 10:00 FCS 10:26

Event # = 22398 89/02/07,20:52 80/02/07,20:52 60ES 8CS 8CS 10/SP 10/SP 10/SP 10/SP 10/SP 10/SP	00Y=38 Peak 20:52	End times 21:07	CaPeak.c/s=27 ( Wavelength=1375A	Qual=00 Qual= 1	FePeak=20:54 Exp #=83675	FePeak.c/s=6 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s ) Cad=3840s Pitch=-571",	XEN=903817 3840s/pixel ', Yaw=+580"
Event # = 22399 89/02/07,22:00 Start GOES 21:53 BCS 22:04 FCS UVSP 22:07	DOY=38 Peak 22:00 22:05	End times 22:17 22:28	Importance=C3 Qual=O5 CaPeak.c/s=46 Qual= 5 Wavelength=1375A Code=O2	Qual=05 Qual= 5 Code=02	FePeak=22:05 Exp #=83678	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 3.8s X Cad=3840s Pitch=-569",	XEN=903818 3840s/pixel ", Yaw=+554"
Event # = 22400 89/02/07,22:44 60ES Start BCS 22:32 FCS 22:40 UVSP 22:40	D0Y=38 Peak 22:44	End times 22:46	CaPeak.c/s=49 Wavelength=1375A	Qual=00 Qual= 3 89702708	FePeak=22:43 Exp #=83682	FePeak.c/s=11 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s X Cad=3840s Pitch=-557",	XEN=903819 3840s/pixel ,Yaw=+568"
Event # = 22401 89/02/08,00:20 Start GOES 00:20 FCS 00:15 UVSP 00:15	1 D0Y=39 Peak 00:20	End times 00:22	CaPeak.c/s=20 Wavelength=1375A	90	FePeak=00:20 Exp #=83687	FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s X Cad=3840s Pitch=+517",	XEN=903900 3840s/pixel ", Yaw=+518"
Event # = 10389 89/02/08,02:58 Start GOES 02:55 HXRBS 02:56:08 BCS 02:57 FCS	DOY=39 Peak 02:58 02:56: 02:57	End times 03:05 16 02:56:49 03:01	SMM Pointing: Importance=C2 Peakc/s=108 CaPeak.c/s=51 Peak3c/s=-1 Wavelength=1375A	N31E38 Qual=01 Qual=1 Qual= 1	Tot Cts=1065 FePeak=02:57 Exp #=83694	Pitch=-579", Yaw=+513", Roll=Odeg MaxkeV=144 FePeak.c/s=12 #Peaks=1 dt= 3 Rast=0"x0" Step=0" Cad=. Rast=70"x70" Step=5" Pitch	#Peaks=1 Step=0" Step=5"	.8s 26s =-571	H.Ang=53deg XEN=903901 0.256s/pixel ", Yaw=+526"
Event # = 22402 89/02/08,03:51 Start GOES 03:22 BCS 03:23 FCS UVSP 04:20	2 DOY=39 Peak 03:51 03:38	End times 04:12 03:40	Importance=C4 CaPeak.c/s=123 Wavelength=1375A	Qual=02 Qual= 1	FePeak=03:36 Exp #=83695	FePeak.c/s=23 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=3840s Pitch=-572"	XEN=903902 3840s/pixel ", Yaw=+517"

### 870/2018   1914-29   1914-29   1914-20   1	Event #	= 11669			İ						
85 04:35 04:45 05:13 CaPeak.c/s=90 04:38 04:44 05:13 CaPeak.c/s=90 04:38 04:44 05:13 CaPeak.c/s=90 04:38 04:44 05:13 CaPeak.c/s=90 04:38 04:44 05:13 CaPeak.c/s=90 04:39 05:11 06:18	0/20/69	8,04:42 Start	å Š	End times	N N	N31E37		Pitch=-580", Ya	ıw=+503", Rc	]]=0deg	H.Ang=52deg
10.22   10.22   10.33   10.3	GOES HXRBS BCS FCS	04:35 04:41:02 04:38	4:45 4:41 4:44	04:4		Qual=01 Qual=01 Qual= 1	Tot Cts=656 FePeak=04:44	MaxkeV=102 FePeak.c/s=19	Flags=I #Peaks=1		XEN=903904
10:22 10:244 10:24		04:24			Wavelength=1375∆		Exp #=83697	Rast=0"x0" Rast=30"x30"	Step=0" Step=10"		3840s/pixel ", Yaw=+515"
10:22   06:10   06:11   06:18   Ha(lass=\$F NSE\$554   Hac.=FKC   Carr.Lon.=279deg	Event # 89/02/08	= 22404 3,06:11 start	D0Y=39 Peak	End times							
06:05 06:11 06:40 CaPeak.c/s-88 Qual= 1 FePeak=06:11 Fepeakc/s-22 #Peaks=1 dt= 3.85	Optical GOES (	90:90	06:11	06:18	HaClass≃SF Importance=C4	N36E45 Qual=01	AR5354	Mac.=FKC	Carr.Lon	.=279deg	H.Ang=60deg
12/08   10:32   10:33   10:3	SSS	)6:05 )5:56	06:11	06:40	CaPeak.c/s=88		FePeak=06:11	FePeak.c/s=22 Rast=0"x0"	#Peaks=1 Step=0"		XEN=903905 3840s/pixel
12.78   10.33   10.3					#averengtn=13/3A		Exp #=83/02	Rast=30"x30"	Step=10"	Pitch=-631	', Yaw=+545"
Capeak   C	Event # 89/02/08 S	= 116/1 3,09:48 tart	D0Y=39 Peak	End times	SMM Pointing	N31E35		Pitch=-582", Yaw	w=+473", Ro	11=0deg	H.Ang=50deg
S	Optical GOES 0	9:44	09:48	_		N36E42	AR5354	Mac.=FKC	Carr.Lon	.=280deg	H.Ang=58deg
09:48  Wavelength=2788A Code=02 Exp #=83712 Rast=180"x1" Step=0" Cad=3840s of Frequency (MHz)/Flux(sfu): 606/500 2695/110 4995/150 8800/200 15400/170		19:43:49 19:34	09:46:47 09:47	09:49:40 09:54	Peakc/s=568 CaPeak.c/s=513	Qual=01 Qual=1	Tot Cts=18200 FePeak=09:47	MaxkeV=274 FePeak.c/s=145	Flags=M5 #Peaks=1		XFN=903906
S 09:34:01 09:34:34 09:35:10 PeakC/s=65 Associated Event # = 11670	•	9:48 Frequenc	;y(MHz)/F]		Wavelength=2788A 606/500 2695/110	Code=02 4995/150	Exp #=83712 8800/200 15400/1	Rast=0"x0" Rast=180"x1" 170	Step=0" Step=0"		3840s/pixel, Yaw=+400"
09:54 09:54 09:55		9:34:01	09:34:34		c/s=65	Ssociated Qual=01	Event # = 116/0 Tot Cts=816	 MaxkeV=102	Flags=I	1 1	1
# = 22403 2/08,10:33				9:55	caPeak.c/s=22	ssociated Qual= 5		FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=3840s	XEN=903907 3840s/pixel
10:33 10:33 10:39 CaPeak.c/s=19 Qual=00	#_0/	= 22403 ,10:33 tart	D0Y=39 Peak	End times							-
10:22 Wavelength=27884 Exp #=83713 Rast=0"x0" Step=0" Cad=3840s		0:33	ω.	10:39	ak.c/s=19	Qua]=00 Qual= 5	FePeak=10:33	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=903908
t # = 22406 2/08,10:33 DOY=39 Start Peak End times 10:33 10:33 End times 10:33 10:33 To:39 CaPeak.c/s=19 Qual= 5 FePeak=10:33 FePeak.c/s=11 #Peaks=1 dt= 7.7s 10:22 Wavelength=2788A Exp #=83713 Rast=180"x1" Step=0" Pitch=-448"	VSP 1(	0:22			Wavelength=2788A		Exp #=83713	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=3840s Pitch=-448"	3840s/pixel ', Yaw=+397"
10:33 10:39	44 64	= 22406 10:33 tart	D0Y=39 Peak	End times							
10:22 Rast=0"x0" Step=0" Cad=3840s Exp #=83713 Rast=180"x1" Step=0" Pitch=-448"		):33	m	10:39		Qual=00 Qual= 5		FePeak.c/s=11	#Peaks=1	dt= 7.7s	XFN=903908
		):22			Wavelength=2788A			Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=3840s Pitch=-448"	3840s/pixel , Yaw=+397"

11:14 11:34 Importance=M1 09 11:09:38 11:12:48 PeakC/s=92 09 11:13 11:12:8 Wavelength=2788A CaPeak c./s=492 CaPeak c./s=492 CaPeak c./s=492 CaPeak c./s=492 CaPeak c./s=492 CaPeak c./s=492 CaPeak c./s=23 CaPeak c./s=44 CaPeak c./s=44 CaPeak c./s=44 CaPeak c./s=147 CaPeak c./s=28 CaP		Mac.=DAO C	Carr.Lon.=265deg		H. Ang=64deg
DOY=39  Peak  HaClass=IN  I5:11  I5:12  I6:06  Mavelength=2788A ( Wavelength=2788A ( W	Tot Cts=7084 FePeak=11:11 Exp #=83714	MaxkeV=144 FePeak.c/s=69 # Rast=0"x0" Rast=180"x1"	#Peaks=1 d Step=0" C Step=0" P	dt= 3.8s X Cad=3840s Pitch=-449",	XEN=903909 3840s/pixel ', Yaw=+390"
15:11 15:17 Importance=M1 (CaPeak.c/s=492 (CaPeak.c/s=492 (CaPeak.c/s=492 (CaPeak.c/s=492 (CaPeak)): 2695/83 4995/71 88 (CaPeak CaPeak CaPeak (CaPeak CaPeak) (CaPeak CaPeak CaPe	37 AR5354	Mac.=FKC (	Carr.Lon.=282deg		H.Ang=56deg
Wavelength=2788A (995/7188)	FePeak=15:12	FePeak.c/s=71 #	#Peaks=1 c Step=0" (	dt= 3.8s Cad=3840s	XEN=903910 3840s/pixel
DOY=39 Peak  16:06 16:08  CaPeak.c/s=23 Wavelength=2788A  Wavelength=2788A  17:18 17:59 17:18 17:59 18xelength=2788A  Type/Intensity: Type/Intensity: Type/Intensity: Type/Intensity: 111/1 V/3  y(MHz)/Flux(sfu): 245/4100  DOY=39 Feak IB:40 CaPeak.c/s=147 Wavelength=2788A  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A  DOY=39 Feak Feak Feak Feak Feak Feak Feak Feak	Exp #=83719	=		Pitch=-451"	, Yaw=+367"
16:06 16:08 CaPeak.c/s=23  DOY=39 Peak Type/Intensity: III/I V/3 Wavelength=2788A IB:20 I8:48 Importance=C6 I8:20 I8:48 CaPeak.c/s=147 Wavelength=2788A DOY=39 Peak Type/Intensity: III/I V/3 Symm Pointing: Mayelength=2788A Mayelength=2788A HaClass=28	00-				
DOY=39 Peak	= 5 FePeak=16:06 Exp #=83720	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 ( Step=0" Step=0"	dt= 7.7s ) Cad=3840s Pitch=-451"	XEN=903911 3840s/pixel ",Yaw=+360"
118 17:59 importance=C6 106 17:42 CaPeak.c/s=44  Wavelength=2788A  Type/Intensity: I11/1 V/3  MHz)/Fiux(sfu): 245/4100  Ak  Type/Intensity: I11/1 V/3  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A	20 AR5354	Mac.=FKC	Carr.Lon.=	=298deg	H.Ang=41deg
Type/Intensity: III/1 V/3 y(MHz)/Flux(sfu): 245/4100 D0Y=39 Peak End times Importance=C6 18:19 18:40 CaPeak.c/s=147 Wavelength=2788A D0Y=39 SMM Pointing: Peak End times HaClass=28	FePe	/s=8 0"0	#Peaks=1 Step=0"	dt= 7.7s Cad=3840s	XEN=903912 3840s/pixel
D0Y=39 Peak 18:19 18:40 Importance=C6 18:20 18:48 CaPeak.c/s=147 Wavelength=2788A D0Y=39 SMM Pointing: Peak End times HaClass=28	Exp #=83722			Pitch=-452"	, Yaw=+350"
Wavelength=2788A  D0Y=39 SMM Pointing: Peak End times HaClass=28	FePeak=18:	19	#Peaks=1 Step=0"		XEN=903913 3840s/pixel
DOY=39 SMM Pointing: Peak End times HaClass=28	Code=00 Exp #=83723			i	י ומאכדישמו ,
	N31E29 N30E27 AR5354	Pitch=-588",Yaw= Mac.=FKC	,Yaw=+403",Roll=Odeg Carr.Lon.=289deg	,Roll=Odeg Lon.=289deg	H.Ang=47deg H.Ang=45deg
:52	Qual=12 Tot Cts=3.02E+5 Qual= 2 FePeak=20:26	MaxkeV=187 FePeak.c/s=1240 Rast=0"x0" Dac+=265"x265"	Flags=M5, E #Peaks=1 Step=0" Step=5"	Flags=M5, EN, IN, IS #Peaks=1 dt= 7.7s Step=0" cad=3840s Sten=5" Pitch=-581"	XEN=903914 3840s/pixel '', Yaw=+407"

•	ı	1	İ	ļ	Bridesanaman				1					1		
XEN=903915 3840s/pixel ", Yaw=+365"	XEN=903916 3840s/pixel ', Yaw=+397"	XEN=904015 3840s/pixel ', Yaw=+386"	H.Ang=47deg	(CC. up. 1	H.Ang=45deg	H.Ang=54deg	XEN=904000	3840s/pixel ', Yaw=+443"		XEN=904001 0.256s/pixel .Yaw=+422"		KFN=Q04000	3840s/pixel ',Yaw=+418"		XEN=904003	3840s/pixel , Yaw=+343"
dt= 7.7s x Cad=3840s Pitch=-579",	dt= 3.8s Cad=3840s Pitch=-582	dt= 3.8s X Cad=3840s Pitch=-582",	<u></u>		, Roll=Odeg	.=266deg	dt= 3.8s	Cad=3840s Pitch=-646		dt= 7.7s XEN=904001 Cad=.26s 0.256s/pixe Pitch=-652", Yaw=+422"		dt= 7.7s	Cad=3840s Pitch=-652",		dt= 7.7s x	Cad=3840s Pitch=-584",
•	#Peak Step= Step=	#Peaks=1 Step=0" Step=5"	W=+392" Flags		, Yaw=+362", Ro	Carr.Lon.=266deg	Flags=I #Peaks=2	Step=0" Step=10"		#Peaks=1 Step=0" Step=10"		#Peaks=1	Step=0" Step=10"		#Peaks=1	Step=0" Step=5"
FePeak.c/s=461 Rast=0"x0" Rast=30"x30"	FePeak.c/s=32 Rast=0"x0" Rast=265"x265"	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	Pitch=-589", Yaw=+392", MaxkeV=102 Flags= Rast=266"x265" Sten=		Pitch=-590", Ya	Mac.=CAO	MaxkeV=102 FePeak.c/s=16	Rast=0"x0" Rast=30"x30"	Transactive Chambridge (1987)	FePeak.c/s=8 Rast=0"x0" Rast=30"x30"		FePeak.c/s=17	"x0" 0"x30"		ePeak.c/s=6	Rast=0"x0" Rast=265"x265"
Event # = 22411 FePeak=21:36 Exp #=83729	Event # = 22412 FePeak=23:01 Exp #=83732 Fvent # = 22413	FePeak=00:35 Exp #=83737	Tot Cts=132 Exp #=83732	D0Y=40		AR5355	Tot Cts=2300 FePeak=02:36	Exp #=83744		FePeak=03:46 Exp #=83749		FePeak=05:48 F	Exp #=83756 R		FePeak=06:55 F	Exp #=83757 R
Ssociated Qual= 4	sociated Qual= 5 Sociated	Qual= 5	N31E28 Qual=01	89/02/08	N31E26	N22E47 Qual=01		Code=00		Qual=00 Qual= 1		Qual=00 Qual= 1 F	w		Qual=00 Qual= 4 F	ш
CaPeak.c/s=2357 Wavelength=1375A	CaPeak.c/s=581 Peak3c/s=11 Wavelength=137F	37.5	SMM Pointing: Peakc/s=51 Wavelength=1375A		Δ.	HaClass=SF Importance=C6	Peakc/s=161 CaPeak.c/s=59	Wavelength=1375A III/1		CaPeak.c/s=29 Peak3c/s=-1 Wavelength=1375A		CaPeak.c/s≃41	Wavelength=1375A		CaPeak.c/s=26	Wavelength=1375A
••	:45	01:29	End times 23:00:26		End times	02:41	02:35:51 03:02	Type/Intensity:	End times	04:12	End times	60:90		End times	07:03	
21:38	23:01 23:16	00:34	DOY=39 Peak 5 23:00:12		DOY=40 Peak	02:3	02:35:17 02:36	Type/I	D0Y=40 Peak	03:46	DOY=40 Peak			D0Y=40 Peak	06:48	
21:26		00:33 00:35	t # = 10392 2/08,23:00 Start 5 23:00:06 23:01	# = 11677	2/09,02:37 Start	02:34	02:07	02:12 Sweeps	:# = 22414 2/09,03:46 Start	03:40 03:46	# = 22415 709,05:58 Start	05:41	02:50	t # = 22416 2/09,06:48 Start	06:47	06:49
BCS FCS UVSP	FCS UVSP	FCS UVSP	Event 89/02/ HXRBS UVSP	Event	89/02/	OPTICE GOES	^	UVSP Radio		BCS FCS UVSP	H (1)	GOES BCS	UVSP		BCS FCS	UVSP

			1		_
XEN=904004 3840s/pixel ", Yaw=+355"	H.Ang=43deg ,Yaw=+232"	H.Ang=50deg XEN=904005 3840s/pixel ', Yaw=+221"	H.Ang=43deg H.Ang=48deg Dur=240sec XEN=904006 3840s/pixel ", Yaw=+217" XEN=904007 3840s/pixel	XEN=904008 3840s/pixel ", Yaw=+207"	XEN=904009 3840s/pixel ", Yaw=+196"
dt= 7.7s X Cad=3840s Pitch=-659",	,Roll=Odeg H	8s 40s -459*	=0deg =268deg SN,ES dt= 6.7s dt= 6.7s pitch=-459' et= 7.7s cad=3840s	Pitch=-460 dt= 3.8s Cad=3840s Pitch=-460	dt= 7.7s Cad=3840s Pitch=-461"
#Peaks=1 Step=0" Step=10"	,Yaw=+308",Roll " Step=0"	Carr.Lon.=280deg #Peaks=1 dt= 3. Step=0" Cad=38 Step=0" Pitch=	carr. lags lepeak step= step= step=	Step=0" #Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"
FePeak.c/s=15 Rast=0"x0" Rast=30"x30"	Pitch=-593", Yaw MaxkeV=102 Rast=180"x1"	Mac.=FKC FePeak.c/s=15 Rast=0"x0" Rast=180"x1"	Pitch=-595", Yaw=+ Mac.=CA0  MaxkeV=856 FePeak.c/s=3030 # Rast=180"x1" 0/1200 15400/1700 FePeak.c/s=16 Rast=0"x0"	Rast=180"x1" FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"
FePeak=10:33 Exp #=83768	Tot Cts=133 Exp #=83769	AR5354 FePeak=12:12 Exp #=83771	AR5355 Tot Cts=1.90E+6 FePeak=13:01 Exp #=83772 0 4995/1000 8800 Event # = 22419 FePeak=13:50	Exp #=83773 FePeak=14:34 Exp #=83774	FePeak=16:09 Exp #=83776
Qual=00 Qual= 4 F E	N31E22 Qual=00 Qual=01	N37E27 Qua1=00 Qua1= 1	N32E20 N22E39 Qual=03 Qual=04 Qual= 5 Code=00 0 2695/110 issociated Qual= 5	Qual=00 Qual= 5	Qual=00 Qual= 5 A
CaPeak.c/s=22 Wavelength=1375A	SMM Pointing: Peakc/s=61 Wavelength=2788A	HaClass=SF CaPeak.c/s=62 Wavelength=2788A	SMM Pointing: N32E20  HaClass=2B  N22E39  AR5355  Mac.=CA0  Capeakc/s=23910 Qual=03  Capeak.c/s=5553 Qual= 5 FePeak=13:01  II/1  245/1600 1415/460 2695/1100 4995/1000 8800/1200 15400/1700  Capeak.c/s=276 Qual= 5 FePeak=13:50  Rast=180"x1"  Associated Event # = 22419  Capeak.c/s=16	Wavelength=2788A CaPeak.c/s=116 Wavelength=2788A	CaPeak.c/s=19 Wavelength=2788A
End times 10:49 Ca	Si End times 10:45:00 P	End times H	8 010	End times 15:30	End times 16:14
D0Y=40 Peak 10:36	395 44 DOY=40 Peak :44 10:44:52	DOY=40 Peak 12:13	= 10399 tart Peak End time 2:54 13:01 14:33 2:59:40 13:00:03 13:14:26 3:00:00 13:02 13:50 2:53 Type/Intensity Frequency(MHz)/Flux(sfu) 	0 D0Y=40 Peak 14:34	1 D0Y=40 Peak 16:09
2/09,10:36 2/09,10:36 Start 10:33 10:31	:# = 10395 :/09,10:44 Start 5 10:44:44	Event # = 22418 89/02/09,12:13 0ptical GOES 12:09 FCS 12:16		FCS UVSP 13:51 Event # = 22420 89/02/09,14:34 GOES BCS 14:34 FCS 14:25 UVSP 14:25	t # = 22421 2/09,16:09 Start 16:09
Event # 89/02/0 GOES BCS FCS UVSP	Event 89/02/08/06/06/06/06/06/06/06/06/06/06/06/06/06/	Event # 89/02/09 0ptical GOES BCS FCS UVSP	Event # 89/02/09 Optical GOES HXRBS GRS FCS FCS FCS Radio S Radio S Radio S RAGIO	FCS UVSP Event 89/02, 60ES BCS FCS UVSP	Event 89/02/ 89/02/ 60ES BCS FCS UVSP

8902/09,131:02 DOY-40  605 Start Peak  FEVEL 1: 1970  10.5	vent # = 224	22								
19:25   19:38   19:34   19:38   19:34   19:38   19:35   19:35   19:36   19:36   19:34   19:38   19:36   19:34   19:38   19:34   19:38   19:36   19:3	9/02/09, 17:0 Start DES 16:57 CS 16:24 CS 16:58	007 Pea 17: 17:	End times 17:09 17:04	Im CaP Pea			FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"		XEN=904010 10.24s/pixel ", Yaw=+188"
19:52   19:30   19:34	/02/09,19:3(  /02/09,19:3(   Start			SMM Pointing	N31E17		Pitch=-595", Ya	w=+241", Ro	]]=0deg	H.Ang=41deg
19:20	tical ES 19:25	19:30	19:34	HaClass=1N Importance=M1	N31E28 Oual=01	AR5354		Carr.Lon.	.=275deg	H.Ang=46deg
19:20   Wave length=2788A Code=00   Exp #=83781   Rast=0.%0"   Step=0" Cad=3840s   3870s/pixel Sweeps   Frequency (HHz)/Flux(sfu): 245/450 4999/60 88000/80     19:36	KBS 19:25:2 S 19:26 S	19:28: 19:30	19:31:11 19:36	Peakc/s=314 CaPeak.c/s=554	Qual=01 Qual= 1	Tot Cts=14436 FePeak=19:29	MaxkeV=144 FePeak.c/s=152	#Peaks=1	7 7 8 8	- 10800-N3X
Frequency (MHz)/Flux(sfu)   245/450 4995/60 8800/80	<b> 3</b>	Type/		Wavelength=2788/ II/2	4 Code=00	Exp #=83781	Rast=0"x0" Rast=243"x243"	Step=0" Step=3"	Cad=3840s Pitch=-589	3840s/pixel ",Yaw=+254"
# = 22424 Start Peak End times	, T	ency(MHz)/i  19:36	;	245/450 4995/6( apeak_c/s=27	8800/80 Associated			1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
19:48   19:49   19:4	- + + + cov			(2.6/2.41	ה בו המולי			#Peaks=1 Step=0"	dt= 7.7s Cad=3840s	<u>_</u>
19:48   19:48   19:48   20:45   19:48   20:45   20:50   20:45   20:50   20:5	2/09,19:48 Start	Pea								
19:48 19:48 19:48 CaPeak.c/s=19 Qual= 5 FePeak=19:48 FePeak.c/s=7 #Peaks=1 dt=7.75  19:20				Class=S	N21E39	AR5355	Mac.=CA0	Carr. Lon.	=264deg	H. Ana=47dea
19:20    Mayelength=2788A   Exp #=83781   Rast=0"x0"   Step=0" Cad=3840s     # = 10398   Start   Peak   End times   SMM Pointing: N31E16   Pitch=-596", yaw=+231", Roll=0deg     Start   Peak   End times   SMM Pointing: N31E16   Pitch=-596", yaw=+231", Roll=0deg     Start   Peak   End times   SMM Pointing: N31E16   Pitch=-596", yaw=+231", Roll=0deg     Start   Peak   End times   Importance=C4   Qual=0	19	4	:48	CaPeak.c/s=19	Qual = 5		FePeak.c/s=7	#Peaks=1	dt= 7.7s	
# = 10398 109,20:52	P 19:20		_	Wavelength=2788A		#=83781	Rast=0"x0" Rast=243"x243"	Step=0" Step=3"	Cad=3840s Pitch=-589"	
20:49 20:52 20:55 Importance=C4 Qual=01	nt # = 1039 02/09,20:52 Start				N31E16		Pitch=-596", Yaw	=+231", Rol	1=0deg	
20:50   Peak3c/s=-1	S 20:49 BS 20:49:31 20:50	20:52 20:49 20:51	20:55 20:50:05 21:01	Importance=C4 Peakc/s=299 CaPeak.c/s=85	Qual=01 Qual=01 Qual= 1		MaxkeV=144 FePeak.c/s=15		0 (**	
t # = 22425 2/10,03:33	2	ıcy (MHz)/F	••	reak3c/s=-1 Mavelength=1375A 3800/78 15400/59	Code=00		Rast=0"x0" Rast=265"x265"		Cad=10.2s Pitch=-589"	724014 10.24s/pixel ,Yaw=+243"
2/10,03:33 D0Y=41 Start Peak End times 03:32 03:33 03:36 CaPeak.c/s=21 Qual=00 03:32 03:33 03:36 CaPeak.c/s=21 Qual= 4 FePeak=03:34 FePeak.c/s=13 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=3840s 03:08 Wavelength=1375A Exp #=83804 Rast=30"x30" Step=10" Pitch=-589"	nt # = 22425				89/02/10					
03:32 03:33 03:36	۸ĩ		End times		00-16:00					
U3:U8 Wavelength=1375A Exp #=83804 Rast=30"x30" Step=10" Pitch=-589"	3	 	:36	k.c/s=21			FePeak.c/s=13		dt= 7.7s	XEN=904100
	2		3		_		kast=0 x0 kast=30"x30"		Cad=3840s Pitch=-589"	3840s/pixel ,Yaw=+259"

1					
H.Ang=40deg H.Ang=39deg H.Ang=41deg ", Yaw=+185"	XEN=904101 0.256s/pixel ", Yaw=+174"	XEN=904102 1.024s/pixel ", Yaw=+57"	H. Ang=39deg H. Ang=58deg '', Yaw=+44''	XEN=904103 1.024s/pixel ", Yaw=+26"	=0deg H.Ang=38deg 247deg H.Ang=50deg Pitch=-564", Yaw=+193"
g g =-591	dt= 3.8s Cad=.26s Pitch=-591	dt= 7.7s XI Cad=1.02s 1. Pitch=-465",	+125", Roll=Odeg H.Ang=39d Carr.Lon.=24Odeg H.Ang=58d Flags=I,SN,ES Step=0" Pitch=-465", Yaw=+44"	1 dt= 7.7s XI Cad=1.02s 1 Pitch=-466",	+180",Roll=0deg Carr.Lon.=247deg Step=3" Pitch=-564
, Yaw=+173", Roll=Odeg Carr.Lon.=268deg Carr.Lon.=276deg Flags=M5, SN 65" Step=5" Pitch=	#Peaks=1 Step=0" Step=5"	#Peaks=1 Step=0" Step=0"	,Yaw=+125",Roll= Carr.Lon.=2 Flags=I,SN, Step=0" P	*Peaks=1 Step=0" Step=0"	1
oitch=-598" Mac.=DAO MaxkeV=367 Rast=265"x2	FePeak.c/s=13 Rast=0"x0" Rast=265"x265"	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	Pitch=-599", Yaw Mac.=EA0 MaxkeV=230 Rast=180"x1"	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	Pitch=-571", Yav Mac.=EAO MaxkeV=102 Rast=243"x243"
AR5355 AR5354 Tot Cts=4.92E+5	FePeak=06:13 Exp #=83809	FePeak=10:52 Exp #=83827	AR5356 Tot Cts=29691 Exp #=83829 8800/54	FePeak=14:50 Exp #=83832	AR5356 Tot Cts=469 Exp #=83840
131E12 119E30 129E22 2ua] = 04 2ua] = 02 Code = 02	Qual=05 Qual= 1	Qual=00 Qual= 4	N31E09 N16E54 Qual=02 Qual=04 Code=01 2695/220	Qual=00 Qual= 4	N29E12 N19E43 Qual=01 Qual=01 A Code=00
SMM Pointing:  HaClass=3B HaClass=SF Importance=X2 PeakC/s=2797 Wavelength=1375A III/1 606/31 15400/210	CaPeak.c/s=104 Peak3.c/s=-1 Wavelength=1375A	CaPeak.c/s=20 Wavelength=2788A	SMM Pointing: N HaClass=1N Importance=M2 Peakc/s=159 Wavelength=2788A II/1 606/160 1415/160 2	CaPeak.c/s=18 Wavelength=2788A	SMM Pointing: N HaClass=SF Importance=C5 Peakc/s=45 Wavelength=2788A (245/65
S	End times 06:56	End times 10:55	# = 11678   10,12:42	End times 14:52	End time: 20:39 20:32:57 ux(sfu):
= 10401 ,04:36 DOY=41 tart Peak End time 4:22 04:36 05:48 4:34:05 04:3444 05:16:49 4:39 Type/Intensity Frequency(MHz)/Flux(sfu)	00Y=41 Peak 06:13	DOY=41 Peak 10:53	3 D0Y=41 Peak 12:42 9 12:22:23 Type/	8 DOY=41 Peak 14:50	20:35 peak 20:35 0 20:31:56 ency (MHz)/F1
	Event # = 22426 89/02/10,06:13 Start GOES BCS 06:09 FCS 06:11	Event # = 22427 89/02/10,10:53 805 805 805 10:52 FCS 10:52	Event # = 11678 89/02/10,12:42 Start Optical GOES 12:05 HXRBS 12:21:49 UVSP 12:15 Radio Sweeps Radio Frequence	2/10,14:50 2/10,14:50 Start 14:50 14:46	CIA NICIOI
Event # 89/02/10 Optical Optical Optical Optical UVSP Radio Sr	Event 89/02/ GOES BCS FCS UVSP	Event 89/02/ GOES BCS FCS UVSP	Event # 89/02/1 Optical GOES HXRBS UVSP Radio Radio	Event 89/02/ 60ES BCS FCS UVSP	Event # 89/02/14 0ptical GOES HXRBS UVSP Radio

						1						1		
	XEN=904200 1.024s/pixel ", Yaw=+80"	XEN=904201 1.024s/pixel . Yaw=+46"	H. Ann=36dea	H.Ang=32deg	XEN=904202 1.024s/pixel	', Yaw=+238" XEN=904203	1.024s/pixel	XEN=904204   1.024s/pixel  ,Yaw=+233"	H.Ang=36deg	H.Ang=38deg	1.024s/bixel 1.024s/pixel ,Yaw=+222"		H.Ang=44deg	AEN=904206 1.024s/pixel ',Yaw≖+209"
	dt= 7.7s Cad=1.02s Pitch=-598"	dt= 7.7s x Cad=1.02s 1 Pitch=-588".	=0dea	=3 =266deg	ES dt= 3.8s XI Cad= 332s 1.	Pitch=-439"  dt= 7.7s	,, '	dt= /./s Cad=1.02s Pitch=-439"		ŭ	Cad = 459s Pitch=-440"		=242deg H	Cad=1.02s 1 Pitch=-440",
	#Peaks=1 Step=0" Step=10"	#Peaks=1 Step=0" Step=10"	, Yaw=+60", Roll=0dea	Carr.Lon.=266deg	Flags=SN, #Peaks=1 Step=10"	Step=0" #Peaks=1		#Feaks=1 Step=0" Step=0"	,Yaw=+36",Roll=Odeg	<u>.</u>	Step=15" Step=0"		-	Step=0" Cars Step=0" P
	FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	FePeak.c/s=13 Rast=0"x0" Rast=30"x30"	Pitch=-574", Ya	Mac.=DRO	MaxkeV=102 FePeak.c/s=186 Rast=180"x180"			Rast=0"x0" Rast=180"x1"	Pitch=-574", Yaw	Mac.=FKC MaxkeV=102 FePeak.c/s=17	Rast=420"x240" Rast=180"x1"		Mac.=DAI FePeak.c/s=7	Rast=0"x0" Rast=180"x1"
11	FePeak= Exp #=8	FePeak=04:33 Exp #=83863		AR5355	Tot Cts=4083 FePeak=11:45	Exp #=05005 Event # = 22431 FePeak=12:41	Event # = 22432 FePeak=13:20	Exp #=		AR5354 Tot Cts=639 FePeak=15:01	Exp #=83888		AR5357 FePeak=16:32	
\$0.707.11	Qual=01 Qual= 4 5A Code=00	Qual=01 Qual= 4 A Code=00	N29E04	N22E15 Qual=02		Associated Qual= 5	Associated Oual= 5		N29E02	N31W05 Qual=01 Qual=01 Qual= 1	Code=00		N18E37 Qual=05 Qual= 4	Code=00
	Importance=C3 CaPeak.c/s=26 Wavelength=137	Importance=C3 CaPeak.c/s=19 Wavelength=1375A	SMM Pointing:	HaClass=2N Importance=M3	PeakC/s=52 CaPeak.C/s=886 Wavelenath=2788∆	aPeak.c/s=21	CaPeak.c/s=22	Wavelength=2788A	SMM Pointing:	HaClass=SF Importance=C4 Peakc/s=54 CaPeak.c/s=104	Wavelength=2788A ( III/2 245/300		HaClass=SN Importance=C7 CaPeak.c/s=21	lavelength=2788A
	End times 01:05 01:03	End times 05:00 04:38	Fnd + imp	3:15		12:42	14:06		End times	15:03 14:59:21 15:04	ity: fu):	End times	16:35 16:43	3
	99 D0Y=42 Peak 00:59 00:58	0 D0Y=42 Peak 04:34 04:33	1 00Y=42 Peak	12:21	11:46	12:41	13:27		D0Y=42 Peak	15:00 14:58:47 15:00	Type/Intens :y(MHz)/Flux(s	DOY=42 Peak	16:25 16:32	
	# = 224 /11,00:5 Start 00:54 00:57 00:56	711, St, 04	/# = 10404 /11,12:21 Start	- - - - - - - - - - - - - - - - - - -	11:45	12:41	13:19	13:11	# = 10403 11,15:00  Start	14:56 14:57:22 14:58	14:43 Sweeps Frequency	f = 22433 11,16:25 Start	16:18 16:28	16:18
	39/02 39/02 39/02 00ES CCS CCS VSP	9702 9702 CCS CCS VSP	Event 89/02/	Optica GOES HXRRS	BCS FCS UVSP	BCS -	BCS -		: ندد	GOES GOES HXRBS BCS FCS		t //	805 805 805 805 805 805 805 805 805 805	UVSP

				89/02/12	D0Y=43				
Event # = 22434 89/02/12,02:08 Start Optical	34 3 D0Y=43 Peak	End times		N29W11 Qua]=00	AR5354	Mac.=FKC	••	<i>V</i>	H.Ang=37deg XFN=904300
BCS 02:04 FCS 01:52	02:08	02:20	CaPeak.c/s=61 Q Wavelength=1375A		FePeak=02:0/ Exp #=83913	FePeak.C/S=1/ Rast=420"x240" Rast=30"x30"	Step=15" Step=10" Step=10"	Cad= 459s 1 Pitch=-660",	1.024s/pixel ", Yaw=-60"
Event # = 22435 89/02/12,03:59 Start Optical GOES 03:55 BCS 03:57	35 9 DOY=43 Peak 03:59 03:58	End times 04:03 04:02	HaClass=SF N Importance=C2 ( CaPeak.c/s=40 (	N31W03 Qual=01 Qual= 1	AR5354 FePeak=03:57	Mac.=FKC FePeak.c/s=13 Rast=420"x240"	Carr.Lon.=275deg #Peaks=2 dt= 3. Step=15" Cad= 4	88 598	H.Ang=38deg XEN=904301 1.024s/pixel
FCS UVSP 03:26 Radio Sweeps	Type/	Type/Intensity:	Wavelength=1375A ( III/2	Code=00	Exp #=83917	Rast=70"×70"		P1tch=-56/	, raw=-50
Event # = 22436 89/02/12,16:42 Start	36 2 D0Y=43 Peak	End times		01=1=10					
GOES BCS 16:40 FCS 16:38 UVSP 16:38	16:42	16:43	CaPeak.c/s=20 Wavelength=2788A	Qual= 4	FePeak=16:42 Exp #=83943	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-438	dt= 7.7s XEN=904302 Cad=1.02s 1.024s/pixel Pitch=-438", Yaw=+20"
= 224 2,22:1 Start	137 11 DOY=43 Peak	End times	A SESSE	N31W23	AR5354	Mac.=FKC	Carr.Lon.=285deg	≈285deg	H.Ang=44deg
Uptical 60ES BCS 22:11	22:11	22:15	eak.c/s=21	Qual=00 Qual= 4	FePeak=22:12	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s XI Cad=1.02s 1	XEN=904303 1.024s/pixel
UVSP 22:08			Wavelength=1375A		Exp #=83952	Rast=30"x30"	Step=10	P11CII≖-23.	, 1aw=+30£
Event # = 22438 89/02/12,22:40 Start	438 40 D0Y=43 Peak	End times		•					
GOES 22:37 BCS 22:42	22:40 22:42	22:42 22:56	<pre>Importance=C3 CaPeak.c/s=20</pre>	Qual=05 Qual= 7		FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s XI Cad=1.02s 1	XEN=904304 1.024s/pixel
PCS UVSP 22:39			Wavelength=1375A Code=00	Code=00	Exp #=83954	Rast=30"x30"	Step=10	LCII = - 5.3	, 10M-100

### Pointing: N29W17	3				89/02/13	13 DOY=44				
DOY-44	ont # = 104 /02/13 03:0	V-700								
Hac.   Fig.   Hac.   Fig.   Hac.   Fig.	Start	Peak	time	S SMM Pointing	N29W17		Pitch=-571",Ya	w=-241",Roll=(	0deg	H.Ang=40deg
1796   103.26.25   Peak.   C.Z.=567   Qual=1   FePeak Col2=58   FePeak Col2=59   FePeak Col2=58   FePeak C	.rcal S 03:20	03:29	03:39	HaClass=SF Importance=C8	N30W25		Mac.=FKC	Carr.Lon.=28	85deg	H.Ang=44deg
Type/Intensity: Wavelength=1375A Code=00 Exp #=83966 Rast=240"X240" Step=50 Gad="595 Rast=240"X240" Step=10 Gad="595 Gad	BS 03:22: 03:21	03:23 03:26	03:26:2 03:38	Peak	Qual=01 Qual= 1		MaxkeV=144 FePeak.c/s=87	Flags=M5 #Peaks=1	ď	XEN¤OUAAOO
DOY-44 End times SMM Pointing: N29W19 Pitch=-569", Yaw=-276", Roll=odeg O7:41:59 07:45:46 Peakc/s=48 Qual=01 Tot Cts=3249 HaxkeV=144 Havelength=1375A Wevelength=1375A Wavelength=1375A Wavelength=2788A Code=00 Exp #=83979 Rast=30"x30" Step=10" Pitch=-455", Paw=-211", Roll=0deg Peak Wavelength=278BA Code=00 Exp #=83997 Rast=180"x1" Step=0" Pitch=-434", D0V-44 Wavelength=2788A Code=00 Exp #=83991 Rast=180"x1" Step=0" Pitch=-434", D0V-44 End times SMM Pointing: N29W19 Pitch=-560", Yaw=-278", Roll=0deg HaxkeV=102 Wavelength=2788A Code=00 Exp #=83991 Rast=180"x1" Step=0" Pitch=-436", Wavelength=278BA Code=00 Exp #=83991 Rast=180"x1" Step=0" Pitch=-436", Wavelength=278BA Code=00 Interpretation of the Provided Code=0		Type/In ency(MHz)/F1	ntensity: lux(sfu):	eng 72		Exp #=83966	Rast=240"x240" Rast=70"x70"	Step=10" Step=5"	ad= 590s itch=-563'	1.024s/pixel 1.024s/pixel ",Yaw=-229"
07:41:59 07:45:46 Peakc/s-48 Quai=00 Tot Cts=2249	nt # = 104 02/13,07:4 Start	DOY=4 Peak	1	SMM Pointing	N29W19		Pitch=-569",Yaw	r=-276", Roll=0	Эдед	H.Ang=41deg
DOY=44	S 07:34: 07:27	07		Peakc/s=48 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=3249 Exp #=83979	MaxkeV=144 Rast=30"x30"		itch=-455"	Yaw=-171"
HaClass=SF   N34W25   Oual=01	it # = 104  2/13,07:5;  Start	DOY=4 Peak	t i me	SMM Pointing	N29W19		Pitch=-569", Yaw	Roll	dea	H. Ang=41deg
07:52:06 07:52:16 Peakc/s=54 Qual=01 Tot Cts=254 Rast=30"x30" Step=10" Pitch=-45  Boy=44 End times	cal	;		HaClass=S	N34W25 0ual=01			Carr.Lon.=28	2deg	H.Ang=47deg
12:15	07:51: 07:27	07:52:06	:52:1	Peakc/s=54 Wavelength=1375A	Qual=01	Tot Cts=254 Exp #=83979	MaxkeV=102 Rast=30"x30"		tch=-455"	, Yaw=-171"
12:11	t # = 104( 2/13,12:1] Start	D0Y=44 Peak	times	SMM Pointing:			-	311", Roll=0c		H.Ang=42deg
12:07:47 12:07:59 Peakc/s=39 Qual=01 Tot Cts=426 Rast=180"x1" Step=0" Pitch=-43c Peak	<b>.</b>	12:11	;	HaClass=SF Importance=C4	\$16E13 Qual=03	AR5356		Carr.Lon.=242	<b>-</b>	H.Ang=16deg
DOY=44 End times	11:54	12:0/:4/	53	Peakc/s=39 Wavelength=2788A	Qual=01 Code=00	Cts=426 #=83987	MaxkeV=102 Rast=180"x1"		tch=-434",	, Yaw=-125"
15:23:26 15:23:37    Peakc/s=51    Qual=01    Tot Cts=86		D0Y=44 Peak		MM Pointing:	N29W19		Pitch=-570", Yaw=	:-278", Roll=0d		H.Ang=41deg
DOY=44	3 15:23:2 15:01	15:23:26	5:23:37	.c/s=51 ngth=2788A		Cts=86 #=83991	MaxkeV=102 Rast=180"x1"			, Yaw=-92"
18:16       18:30       18:54       HaClass=SF       S18E09       AR5356       Mac.=FKI       Carr.Lon.=242deg         18:25:48       18:26:16       18:26:49       Peakc/s=67       Qual=01       Tot Cts=930       Maxkev=187         18:16       18:28       19:12       CaPeak.c/s=611       Qual=1       FePeak=18:27       FePeak.c/s=113       #Peaks=1       dt= 7.7s         8:08       Wavelength=2788A       Code=01       Exp #=83995       Rast=180"x1"       Step=0"       Pitch=-434	# = 1041 /13,18:30 Start	D0γ=44 Peak	times	inting:	N29W21		Pitch=-569", Yaw=	801		H.Ang=41deg
[8:16	18:16 18:25:48	18:30		lass=SF ance=M1		AR5356	Mac.=FKI	Carr.Lon.=242		H.Ang=14deg
18:08	18:16	18:28	, ,	.c/s=6/ .c/s=611					7.7s x	EN≖904401
7/**		Type/Int		ıgth=2788A					= 590s 1 ch=-434",	1.024s/pixel ",Yaw=-115"

ent # = 10411			CCHOCK		Pitch=-567", Yaw	.Yaw=-324", Roll=0deg		H.Ang=42deg
3,21:22 DOY=44 Start Peak End	times	SMM Pointing: HaClass=SF	N29E36	AR5354	Mac.=FKI	Carr.Lon.=214deg	<b>5</b> 0	H.Ang=50deg
Optical GOES HXRBS 21:22:25 21:22:44 21:23: UVSP 21:24	01	akc/s=44 velength=1375A	Qua]=01 Qua]=01	Tot Cts=205 Exp #=83999	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch≈-560",Yaw≖-311"	, Үам=-311"
= 10412 3,23:36 DOY=44 Start Peak End	times	SMM Pointing:	N30W23 S18W03	AR5356	Pitch=-570",Yaw=-334",Roll=Odeg Mac.=FKI Carr.Lon.=251de	=-334",Roll=Odeg Carr.Lon.=251deg	5	H.Ang=43deg H.Ang=12deg
Uptical 60ES 23:30 23:36 23:49 HXRBS 23:31:47 23:31:59 23:35:11 UVSP 23:33 Radio Frequency(MHz)/Flux(sfu)	σ	Importance=C6 Peakc/s=103 Wavelength=1375A 8800/60	Qual=01 Qual=01 Code=00	Tot Cts=1729 Exp #=84008	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-623", Yaw=-444	, Yaw=-444"
89/02/13,23:46 DOY=44 End	Fnd times	SMM Pointing:	N30W23		Pitch=-570",Yaw	, Yaw=-334", Rol]=Odeg	)=0deg	H.Ang=43deg
23:44:14 23:46	44:47 51	Peakc/s=41 CaPeak.c/s=32 Wavelength=1375A	Qual=02 Qual=01 Qual= 1	Tot Cts=325 FePeak=23:45 Exp #=84008	MaxkeV=102 FePeak.c/s=8 Rast=0"x0" Rast=30"x30"	#Peaks=2 Step=0" Step=10"	dt= 7.7s XI Cad=1.02s 1 Pitch=-623",	XEN=904403 1.024s/pixel ", Yaw=-444"
		The state of the s	89/02/14	4 D0Y=45		47.4		
1		SMM Pointing:	N29W27		Pitch=-564",Ya	, Yaw=-379", Roll=Odeg	]=0deg	H.Ang=44deg
Start Peak	Š	HaClass=1F	N29W40	AR5354	Mac.=FKI	Carr.Lon.=285deg	=285deg	H.Ang=53deg
04:39 05:19 05:12:43 05:14:34 05:10 05:18	06:03 05:15:29 06:06	Importance=M2 Peakc/s=56 CaPeak.c/s=476	Qual=03 Qual=01 Qual= 4	Tot Cts=1070 FePeak=05:17	MaxkeV=102 FePeak.c/s=92 Rast=180"x180"	#Peaks=1 Step=10"	dt= 7.7s Cad= 332s	XEN=904500 1.024s/pixel
FCS UVSP 05:16 Type/Intensity Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)		Wavelength=1375A ( 111/2 2695/72 8800/46	V Code=00	Exp #=84026	Rast=30"x30"		Pitch=-610	, Yaw=-4/4
- 1		SMM Pointing:	N29W27		Pitch=-564", Yaw=-379"	1w=-379", Rol	, Roll=Odeg	H.Ang≖44deg
tart Peak	d times	 На	\$17E02 \$17E03	AR5356 AR5356	Mac.=FKI	Carr.Lon.=243deg Carr.Lon.=242deg	.=243deg .=242deg	H.Ang≖lOdeg H.Ang≔lldeg
GOES HXRBS 06:02:42 06:03:03 06:06:10 UVSP 05:48 Radio Frequency(MHz)/Flux(sfu):	:06:10 (sfu):	Quares	Qual=00 Qual=01 A 290	Tot Cts=12131 Exp #=84028	MaxkeV=274 Rast=30"x30"	Step=10"	ļ	Pitch=-640",Yaw=-458"

### Pointing: N2942  ### Pointing: N2942  ##################################	# = 1041	9		The state of the s						
HaClass=SN   Nacyound   Hac.=FKI   Carr.Lon.=288deg   Hac.=FKI   Carr.Lon.=288deg   Hac.=FKI   Carr.Lon.=288deg   Hac.=SN   /14,07:12 Start	2 D0Y=45 Peak	End time	S. W.	N29W27		Pitch=-564",Ya	w=-390", Ro	]]=0deg	H.Ang=45deg	
20 07:12: 05 Peak/s=60 Qual=01 Tot Cts=2122	~				N20W44	•		Carr.Lon.	.=288dea	H. And=51ded
900-45     900-45		12 07:09:53 07:12	3 07:12:05 07:40	Pe Ca	Qual=01 Qual=01 Qual= 1		MaxkeV=102 FePeak.c/s=82		dt= 7.7c	ESSTO S
DOY-45 End times  08:46 09:14	06:49			Wavelength=1375	æ	Exp #=84031	Rast=240"x240" Rast=30"x30"		Cad= 590s Pitch=-584	1.024s/pixel ", Yaw=-485"
08:46 09:14	# = 2243 14,08:46 Start	9 00Y=45 Peak	End times						7.4.10	
DOY=45  DOY=45  DOY=45  DOY=45  DOY=45  DOY=45  DOY=45  End times  HaClass=SN N23W2  DOY=45  DOY=45  DOY=45  DOY=45  End times  HaClass=SN N23W2  DOY=45	08:18	08:46	09:14	CaPeak.c/s=24	Qual=00 Qual= 4		FePeak.c/s=13	#Peake=1	dt= 7 7c	00 P 00 - M 2 V
DOY=45  Peak End times  HaClass=SN	09:07			Wavelength=27884	æ	Exp #=84036	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-429"	1.024s/pixel ',Yaw=-222"
HaClass=SN   N23W22   AR5355   Mac.=BX0   Carr.Lon.=265deg	# = 2244 14,09:51 Start	0 D0Y=45 Peak	End times	1		7, 12				
09:51 10:46 CaPeak.c/s=44 Qual= 4 FePeak=10:24 Rast=0%0" Step=0" Cad=1.02s Step=0" Step=0" Cad=1.02s Step=0" Cad=1.02s Step=0" Step=0" Cad=1.02s Step=0" Cad=1.02s Step=0" Cad=1.02s Step=0" Cad=1.02s Peak HaClass=SF Qual= 5 FePeak=12:03 Rast=180"x1" Step=0" FePeak=12:0s Pitch=-42g Qual=00 Qual=00 Qual=00 Qual=00 Qual=00 Qual=00 Peak End times	_			Ha.	N23W22	AR5355	Mac.=BX0	Carr.Lon.		H.Ana=37dea
DOY=45	03:20	09:51	10:46	CaPeak.c/s=44	Qual= 4	FePeak=10:24	FePeak.c/s=8	#Peaks=1	2	YEN-004502
D0Y=45	09:41			₩avelength=2788A	_	Exp #=84037	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	~	1.024s/pixel Yaw=-226"
HaClass=SF	# = 2244]  4,12:03  Start		End times							
12:03 12:11	_		5	Ha.	N30W40	AR5354	Mac.=FKI	Carr. Lon.		W And=53dea
DOY=45 Peak End times  13:02	12:03		12:11	CaPeak.c/s=29	Qual= 5	FePeak=12:03	FePeak.c/s=9		75	XEN=QOASOA
DOY=45 Peak End times  13:02	12:14		į	Wavelength=2788A		Exp #=84040	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=-427",	1.024s/pixel ,Yaw=-243"
13:02 13:41	= 22442 4,13:02 Start	D0Y=45 Peak	End times							
DOY=45  Mavelength=2788A  Exp #=84041  Rast=0"x0" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Cad=1.02s  Pitch=-427"  Peak  End times  Qual=00  Qual=01  Tot Cts=177  MaxkeV=102	12:57		13:41		Qual=00 Qual= 5	FePeak=12:58				1000E0E
DOY=45 Peak End times SMM Pointing: N29W31 Peak End times Qual=00 14:31:18 14:31:35 Peakc/s=49 Qual=01 Tot Cts=177 MaxkeV=102 Wavelength=2788A Exp #=84043 Rast=180"x1" Step=0" Pitch=-427"	12:48			Wavelength=2788A		Exp #=84041			Ξ	l.024s/pixel Yaw=-247"
Qual=00 Peakc/s=49 Qual=01 Tot Cts=177 MaxkeV=102 Wavelength=2788A Exp #=84043 Rast=180"x1" Step=0"	= 10417 4,14:31 Start		End times	Pointing:	N29W31		Pitch=-561", Yaw=	433", Roll		.Ang=47deg
	14:31:08 14:23	14:31:18				Tot Cts=177 Exp #=84043			Pitch=-427",	Yaw=-257"

]]=Odeg H.Ang=47deg	Pitch=-426", Yaw=-263"	dt= 7.7s XEN=904506 Cad=1.02s 1.024s/pixel Pitch=-426",Yaw=-267"	l dt= 7.7s XEN=904507 Cad=1.02s 1.024s/pixe1 Pitch=-423", Yaw=-298"		oll=Odeg H.Ang=51deg	" Pitch=-576",Yaw=-527"	-526", Roll=Odeg H.Ang=52deg  Carr.Lon.=296deg H.Ang=70deg  #Peaks=1 dt= 3.8s XEN=904600 Step=0" Cad=1.02s 1.024s/pixel Step=10" Pitch=-580", Yaw=-588" -526", Roll=Odeg H.Ang=52deg	12
Pitch=-561", Yaw=-445", Roll=Odeg	Flags=SA 1" Step=0"	=8 #Peaks=1 Step=0" :1" Step=0"	=9 #Peaks=1 Step=0" <1" Step=0"		Pitch=-556",Yaw≖-506",Roll=Odeg	2 30" Step=10"	<u> </u>	)2 (10" S+en=0"
Pitch=-561	MaxkeV=102 Rast=180"x1"	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	5 FePeak.c/s=9 Rast=0"x0" Rast=180"x1"		Pitch=-55(	MaxkeV=102 Rast=30"x30"		MaxkeV=102
	Tot Cts=3124 Exp #=84044	FePeak=16:19 Exp #=84045	) FePeak=20:56 Exp #=84051	/15 DOY=46		1 Tot Cts=384 Exp #=84062	AR5354 1 Tot Cts=10837 1 FePeak=03:31 0 Exp #=84067	10 11 Tot Cts=172
N29W32	Qual=00 Qual=02 8A	Qual=00 Qual= 4 8A	Qua]=00 Qua]= 4 88A	89/02/15	N29W37	Qual=00 Qual=01 75A	N29W38 N28W63 Qual=01 Qual=1 Qual= 1 75A Code=00 8	Qua]=00 Qua]=01
SMM Pointing:	Peakc/s=63 Wavelength=2788A	CaPeak.c/s=23 Wavelength=2788A	CaPeak.c/s=27 Wavelength=2788A		SMM Pointing:	Peakc/s=49 Wavelength=1375A	SMM Pointing: HaClass=1N Importance=C7 PeakC/s=281 CaPeak.C/s=50 Wavelength=1375A 245/140 410/68	Peak
	Peak End times 15:18:45 15:22:08	End times 16:23	End times 21:03			Peak End Cimes 00:46:12 00:46:40	End times 03:39 1 03:34:29 03:41 Flux(sfu):	Start Peak End times 04:38:56 04:39:09 04:39:24
D0Y=45	Peak 15:18:45	DOY=45 Peak 16:20	D0Y=45 Peak 20:56		9 D0Y=46	7		Peak 56 04:39:0
Event # = 10418 89/02/14,15:18	Start F 15:15:57 1 15:21	Event # = 22443 89/02/14,16:20 Start GOES BCS 16:19 FCS UVSP 15:55	2/14,20:56 2/14,20:56 Start 20:55 20:37		Event # = 10419 89/02/15,00:46	Start S 00:45:57 ( 00:28	1 1010 000 0 1 4	Start Start S 04:38:5
Event 89/02/	GOES HXRBS UVSP	Event 89/02, 60ES BCS FCS UVSP	Event 89/02/ 60ES BCS FCS UVSP		Event 89/02/	GOES HXRBS UVSP	Event # 89/02/118 0ptical GOES HXRBS CS FCS UVSP Radio	GOES HXRBS

Event # = 22445 89/02/15,06:47	5 DOY=46	-							
Start Optical	Реак	tnd times	HaClass=SF	N29W51	AR5354	Mac.=FKI	Carr Lon	Carr ton =280den	H Asset Class
BCS 06:42	06:47	07:02	CaPeak.c/s=50	Qual=00 Qual= 1	FePeak=06:46	February C/s=14			עייאואַ-מימבּא
VSP 06:09			Wavelength=2788A			Rast=0"x0" Rast=243"x21"	Step=0" Step=3"	dr= 3.0s Al Cad=1.02s 1 Pitch=-545";	AEN=904601 1.024s/pixel Yaw=-530"
Event # = 10422 89/02/15,08:22 Start	2 D0Y=46 Peak	End times	SMM Pointing:	N29W41		Pitch=-551", Yaw=+551", Roll=90deg	IW=+551", Ro	]]=90deg	H.Ang=53deg
GOES HXRBS 08:22:08 UVSP 07:50	3 08:22:17	08:22:08 08:22:17 08:22:30 07:50	Peakc/s=50 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=122 Exp #=84085	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-545"	", Yaw=+564"
Event # = 10423 89/02/15,08:31 Start	3 D0Y=46 Peak	End times	SMM Pointing:	N29W41		Pitch=-551", Yaw=+551", Roll=90deg	W=+551", Ro	]]=90deg	H.Ang≈53deg
GUES HXRBS 08:30:52 UVSP 07:50		08:31:14 08:31:44	Peakc/s=46 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=436 Exp #=84085	MaxkeV=102 Rast=243"x243"	Step≖3"	Pitch=-545	Pitch=-545",Yaw=+564"
Event # = 10424 89/02/15,19:11 Start	D0Y=46 Peak	End times	SMM Pointing:	N29W56		Pitch=-531", Yaw=-704", Roll=0deg	w=-704", Rol	]=0deg	H.Ang=65deg
Optical GOES 18:48	19:11	19:11 19:22	HaClass=SF Importance=C3	\$16W17 Oual=02	AR5356	Mac.=FKC	Carr.Lon.=242deg	=242deg	H.Ang≖19deg
HXKBS 18:4/:51 ] UVSP 19:22 Radio Frequency	8:4/:51 18:48:06 18:50:2 9:22 Frequency(MHz)/Flux(sfu)	4	Peakc/s=623 Wavelength=2788A 245/810 8800/43 1	Qual=01 15400/16	Tot Cts=7386 Exp #=84099	MaxkeV=320 Rast=180"x1"	Flags=M5, Step=0"	Flags=M5,FS Step=0" Pitch=-396",Yaw=-522"	', Yaw=-522"
Event # = 10425 89/02/15,20:16 Start	D0Y=46 Peak	End times	SMM Pointing:	N29W56		Pitch=-531", Yaw=-704",	r=-704", Ro1	, Roll=Odeg	H.Ang=65deg
ָרָ יִ			HaClass≔SF	N27W59	AR5354	Mac.=FKI	Carr.Lon.=283deg	=283deg	H. Ang=66deg
20:13:35 20:15	20:14:00 20:16	20:14:28 20:20	Peakc/s=45 CaPeak.c/s=29	Qual=01 Qual= 1	Tot Cts=316 FePeak=20:16	MaxkeV=102 FePeak.c/s=8	#Peaks=1	dt= 7.7c	XEN=OUAGO
SP 19:22			Wavelength≈2788A		Exp #=84099	Rast=115"x115" Rast=180"x1"	Step=5" Step=0"	Cad=1083s 2 Pitch=-396",	2.048s/pixel ",Yaw=-522"
f = 22446 5,20:37 Start	ي	imes		N27W5Q	405354	200	-		
GOES 20:32 BCS 20:33 FCS	20:37 20:35	20:41 20:59	Importance=C3 CaPeak.c/s=80	Qual=03 Qual= 1	FePeak=20:34	nac.=FR1 FePeak.c/s=19 Rast=420"x240"	#Peaks=1 dt= 3. Step=15" Cad= 4	88 598	H.Ang=66deg XEN=904603 1.024s/pixel

		Annual Control of the	89/02/16	D0Y=47			in the state of th	
Event # = 10426	D0Y=47	SMM Pointing:	N27W55		Pitch=-497",Yaw=	, Yaw=-712", Roll=Odeg		H.Ang≖63deg
	Peak End times	HaClass=SF	S11E57	AR5368	Mac.=8X0	Carr.Lon.=163deg		H.Ang=56deg
GÖES HXRBS 03:08:47 C UVSP 02:25 Radio Sweeps	03:09:54 03:10:14 Type/Intensity:	Peakc/s=45 Wavelength=1375A III/2 V/2	Qual=01	Tot Cts=343 Exp #=84117	MaxkeV=102 Rast=70"x70"	Step=5" P	Pitch=-489",	', Yaw=-704"
Event # = 10427	DOY=47	SMM Pointing:	N27W55		Pitch=-497", Yaw	, Yaw=-712", Roll=Odeg		H.Ang=63deg
	Peak End times	HaClass=2N	N22E26	AR5362	Mac.=EA0	Carr.Lon.=194deg		H.Ang=39deg
GGES 03:39 ( HXRBS 03:52:56 ( UVSP 03:56 Radio Frequency	03:39 03:48 05:46 03:52:56 03:53:06 03:54:38 03:56 Frequency(MHz)/Flux(sfu):	tance=M2 c/s=40 ength=13 2 606/49	Qual=05 Qual=02 Tot C 75A Code=02 Exp # 2695/66 4995/71 8	ts=407 =84118 8800/100	MaxkeV=102 Rast=265"x265" 15400/57	Flags=SN Step=5" F	Pitch=-488", Yaw=-710"	, Yaw=-710"
Event # = 10428 89/02/16,04:21	D0Y=47	SMM Pointing:	N27W56		Pitch=-495", Yaw	, Yaw=-723", Roll=Odeg		H.Ang≐64deg
	Peak End times 04:21:25 04:21:52	Peakc/s=60 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=235 Exp #=84120	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-526"	, Yaw=-767"
Event # = 10429 89/02/16.04:30	D0Y=47	SMM Pointing:	N27W56		Pitch=-495",Yaw	, Yaw=-723", Roll=Odeg	-	H.Ang=64deg
Ontical	Peak		NZ6W69		Mac.=FKI	Carr.Lon.=288deg		H.Ang=75deg
GOES 04:26 HXRBS 04:22:54 BCS 04:21	04:30 04:37 04:24:51 04:34:02 04:29 04:40	Importance=M4 Peakc/s=166 CaPeak.c/s=1271		Tot Cts=14208 FePeak=04:28	MaxkeV=102 FePeak.c/s=382 Rast=0"x0"		dt= 3.8s X Cad=1.02s 1	XEN=904700 1.024s/pixel
FCS UVSP 04:00		Wavelength=1375A Code=00	\ Code=00				Pitch=-526" 	,Yaw=-76/" 
BCS 04:40	04:40 04:47	k.c/s=60	Associated Qual= 5	Even FePe		#Peaks=1 Step=10"	1 7.7s	EN=9047
UVSP 04:32		Wavelength=1375A		Exp #=84122	Rast=30"x30"	Step=10"	Pitch=-495	, raw=-/90
Event # = 10430 89/02/16,04:43	DOY=47 Deak Fnd time	SMM Pointing:	N27W56		Pitch=-495", Ya	, Yaw=-723", Roll=Odeg	1=0deg	H.Ang=64deg
GOES HXRBS 04:43:22 UVSP 04:32	04:43:26 04:43:31		Qual=00 Qual=01 A	Tot Cts=91 Exp #=84122	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-495"	', Yaw=-790"
Event # = 10431 89/02/16,05:40	DOY=47	SMM Pointing:	N27W56		Pitch=-495",Yaw=-723",Roll=Odeg	W=-723", Rol	]=0deg	H.Ang=64deg
GOES HXRBS 05:40:10 UVSP 05:32	05:40:25 05:4	Peakc/s=81 Wavelength=1375A	Qual=00 Qual=01 A	Tot Cts=497 Exp #=84125	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-489	Pitch=-489", Yaw=-800"
				The second of th				

Event # = 224	148	A constant							
89/02/16,05:42 Start Start	12 D0Y=47 Peak	End times							TO 1000 1000 1000 1000 1000 1000 1000 10
BCS 05:41 FCS	05:42	05:46	CaPeak.c/s=36	Qua]≖00 Qual= 1	FePeak=05:42	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XFN=QU4702
UVSP 05:32			Wavelength=1375A	æ	Exp #=84125	Rast=0"x0" Rast=30"x30"	Step=0" Step=10"	Cad=1.02s 1 Pitch=-489",	1.024s/pixel ",Yaw=-800"
Event # = 10432 89/02/16,16:34 Start	.32 4 DOY=47 Peak	ישפיי + סמם	SMM Pointing:	N27W62		Pitch=-194", Ye	, Yaw=-887", Rol	. Roll=-20dea	H Ann=Koden
Optical GOES 16:29	16:34	16:48	HaClass=1B Importance=M3	\$13E49 04a1≖03	AR5368	Mac.=DAO	Carr.Lon.	=164deg	H.Ang=49deg
HXRBS 16:30:40 UVSP 16:13	16	16:34:48	Peakc/s=1128	Qual=01	Tot Cts=43797	MaxkeV=230	Flags=M5		,
Radio Sweeps		Type/Intensity:	V/1	10-28-22	3	KdSt=18U"X1	Step=0"	Pitch=-57",Yaw=-707"	, Yaw=-707"
= 104 6,21:1 Start	33 5 D0Y=47 Peak	End times	SMM Pointing:	N27W64		Pitch=-188", Ya	, Yaw=-897", Roll	, Roll=-20deg	H.Ang=70deg
Optical GOES 21:06	21:15	21:19	HaClass=SF Importance=C5	\$12E47	AR5368	Mac.=BX0	Carr.Lon.=163deg	=163deg	H.Ang=47deg
HXRBS 21:08:55 UVSP 21:08	55 21:09:03	21:09:29	Peakc/s=94 Wavelength=1375A	Qual=01 Code=00	Tot Cts=705 Exp #=84154	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-202"	, Yaw=-940"
Event # = 10434 89/02/16,21:18 Start	34 3 D0Y=47 Peak	End times	SMM Pointing:	N27W66		Pitch=-181", Yaw=-908"	w=-908", Roll	, Roll=-20deg	H. Ang=72deg
UVSP 21:08 UVSP 21:08	:38 21:18:41	21:19:02	Peakc/s=47 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=163 Exp #=84154	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-202"	"Awe".
Event # = 10435 89/02/16.21:57	35 00Y=47		OM Dointing	20115014	The state of the s		-	1	
Start	Peak	End times		QQM/7N		Pitch=-181",Yav	, Yaw=-908", Roll	, Roll=-20deg	H.Ang∗72deg
21:51	21:57	22:07		N19E13 Qual=03	AR5362	Mac.=EA0	Carr.Lon.=197deg		H.Ang=29deg
MXRS 21:52:1/ UVSP 21:40 Radio Frequenc	:52:1/ ZI:53:31 21:54:3 :40 requency(MHz)/Flux(sfu)	o	c/s=90 length=1375A /100	Qual=01 Code=00	Tot Cts=2265 Exp #=84156	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-201", Yaw=-937	, Yaw=-937"
Vent	ō			89/02/17	, D0Y=48		A. A. A. A. A. A. A. A. A. A. A. A. A. A		
89/02/17,05:22 Start GOES 05:17 BCS 05:20	, DOY=48 Peak 05:22 05:23	End times 05:38 05:30	Importance=C2 CaPeak.c/s=25	Qual=01 Qual= 1	FePeak=05:20	FePeak. c/s=12			000000
VSP 05:16		_	Wavelength=1375A	Code=00	Exp #=84181	Rast=0"x0" Rast=110"x200"	Step=0" C Step=5" P	Cad=1.02s 1 Pitch=-187",	Acm-904600 1.024s/pixel ,Yaw=-942"

	,Roll=-20deg H.Ang=75deg	=1 dt= 3.8s XEN=904801 5" Cad= 459s 1.024s/pixel	Pitch=-203	, Yaw=-128", Roll=-20deg H.Ang=27deg	.I Pitch=-285", Yaw=-204"	,Roll=-20deg H.Ang=86deg	s=1 dt= 7.7s XEN=904802 10" Cad= 332s 1.024s/pixel	Pitch=-109'	dt= 7.7s Cad= 590s	Pitch=-187		s=1 dt= 7.7s XEN=904804 0" Cad=.26s 0.256s/pixel 5" Pitch=-109", Yaw=-949"		',Roll=-20deg H.Ang=82deg	(s=1 dt= 3.8s XEN=904900 =15" Cad= 459s 1.024s/pixel	Pitch=-109", Yaw=-949"		Ks=1 dt= /./s
Taxxxx	Pitch=-167", Yaw=-926",	MaxkeV=102 FePeak.c/s=19 #Peaks=1 Rast=420"x240" Step=15"	ĺ	Pitch=-422",Yaw=-128",	MaxkeV=102 Flags=I Rast=180"x1" Step=0"	Pitch=-116",Yaw=-963",	MaxkeV=144 FePeak.c/s=328 #Peaks=1 Ract=180"x180" Step=10"	Rast=265"x265"	FePeak.c/s=9 #Peak past=240"x240" Step=			FePeak.c/s=8 #Peaks=1 Rast=0"x0" Step=0" Rast=265"x265" Step=5"		Pitch=-115",Yaw=-955"	MaxkeV=144 FePeak.c/s=201 #Peaks=1 Dac+=420"x240" Steb=15"			FePeak.c/s=9 #Peaks=1
		Tot Cts=250 FePeak=07:17	Exp #=84189		Tot Cts=168 Exp #=84202		Tot Cts=11377 FePeak=22:21	Exp #=84213	d Event # = 22430 FePeak=22:53	Exp #=84216		FePeak=23:39 Exp #=84217	/18 DOY=49		1 Tot Cts=7826 1 FePeak=07:48	0 Exp #=84249 15400/31		5 FePeak=09:22
	N27W70	Qual=02 Qual=01 Qual= 1	'5A Code=01	N20E02	Qual=01 Qual=01 38A	N26W82	Qual=03 Qual=01 29 Qual= 1	75A Code=00	Associated Qual= 5	75A		Qual= 5 Qual= 5 375A	89/02/1	: N25W77	1 Qual=01 36 Qual=01 81 Qual= 1	elength=1375A Code=00 5/62 4995/50 8800/53	<u> </u>   = [ e : 0	5 Oual= 5
	SMM Pointing:	Importance=C4 Peakc/s=37 CaPeak.c/s=72	Wavelength=1375A	SMM Pointing:	Peakc/s=49 Wavelength=2788A	SMM Pointing:	Importance=M2 Peakc/s=129 CaPeak.c/s=1229	Wavelength≈1375A		Wavelength=1375A		CaPeak.c/s=35 Peak3c/s=-1 Wavelength=1375		SMM Pointing	S Importance=M1 Peakc/s=136 CaPeak.c/s=681	Wavelength=1. 2695/62 4995	8	Capeak.c/s=2
		End times 07:33 07:15:50 07:19		1	End times 17:27:45		End times 23:02 22:23:18 22:52		22:53		End times	60:00			End time 08:00 9 07:51:06 08:14	07:50 Frequency(MHz)/Flux(sfu):	End times	00.38
		Peak 07:23 07:15:35 07:17		D0Y=48	Peak 17:27:14		Peak 22:22 22:19:27 22:21		22:53		1 D0Y=48 Peak	23:31		9 D0Y=49	Peak 07:51 30 07:47:00 07:49	incy (MHz)/	52   D0Y=49   Peak	10.00
	10436 07:23	art 7:16 7:14:53 7:15	07:18	; # = 11683 2/17,17:27	Start 17:27:06 18:05	# = 10438 '17,22:22	Start 22:12 S 22:13:01 22:13	22:20	•	22:43	# = 22451 /17,23:31 Start	23:30		# = 1043 /18,07:51	Start 07:44 07:45: 07:43	07:50 ) Freque	t # = 22452 2/18,09:21 Start	10.00
	Event # = 89/02/17.	GOES HXRBS BCS	FCS UVSP	Event 89/02/	GOES HXRBS UVSP	Event 89/02/	GOES HXRBS BCS	FCS	BCS -	FCS	Event 89/02/	GOES BCS FCS	5	Event 89/02	GOES HXRBS BCS	FCS UVSP Radio	Event 89/02,	GOES

Fvon+ # - 104	00			89/02/19	19 DOY=50				
89/02/19,01:12 Start	2 DOY=50 Peak	Fnd times	SMM Pointing:	S13E18		Pitch=-2",Yaw=	, Yaw=+312", Roll=.	=-20deg	H.Ang=19deg
Optical			HaClass=1F	N16W61	AR5357	MAC = HAY	\$ 60	74740	
GUES 00:12 HXRBS 00:59:25 HVSD 01:14	01:12 25 01:06:34 (	01:54 01:08:23	Importance=C6 Peakc/s=76	Qual=03 Qual=01	Tot	MaxkeV=102	car 1 . Lott245ueg	-c42ueg	H.Ang≖b5deg
Radio Sweeps Radio Frequ	ril eeps Type/Intensity Frequency(MHz)/Flux(sfu)		wavelength=2/88A III/2 1415/120	\ Code=02	Exp	Rast=180"x1"	Step=0"	Pitch=-118	Pitch=-118",Yaw=+235"
Event # = 22453 89/02/19,12:35 Start	53 5 D0Y=50 Peak	End times							
Optical 60ES 12:20	12:35	13:00	HaClass=SF Importance=C4	\$12E09 Qual=05	AR5368	Mac.=EAI	Carr.Lon.=167deg	:167deg	H.Ang≖10deg
FCS 12:53 FCS 12:45 UVSP 12:45	17:54		CaPeak.c/s=27 Wavelength≖2788∆			FePeak.c/s=7 Rast=0"x0"	_	dt= 7.7s Cad=1.02s	XEN=905000 1.024s/pixel
			in 6		LVP #-04311	KdS L=18U"X ["	Step=0"	Pitch=-86"	, Yaw=+139"
Event # = 1044] 89/02/19,14:17 Start	11 7 D0Y=50 Peak	End times	SMM Pointing:	\$13£11		Pitch=+36", Yaw	, Yaw=+207", Roll=	, Roll=-20deg	H.Ang=12deg
Optical 50ES 13:47		15:20	HaClass=SF Importance=M1	N25W67 Oual=02	AR5366	Mac.=DA0	Carr.Lon.=242deg	242deg	H.Ang=73deg
HXRBS 13:46:13 BCS 15:08 ECS	.3 13:46:27 15:09	13:47:00 15:21	Peakc/s=59 CaPeak.c/s=41	Qual=01 Qual= 4	Tot Cts=320 FePeak=15:08	MaxkeV=102 FePeak.c/s≃6		dt= 7 7c	YEN-GOROOT
_	4:18 Frequency(MHz)/Flux(sfu)	••	Wavelength=2788A 410/75	Code=02	Exp #=84313	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-83",	1.024s/pixel Yaw=+126"
vent # = 1044	2								
89/02/19,21:22 Start	_ D0Y=50 Peak	End times	SMM Pointing:	S13E07		Pitch=+57",Yaw=	, Yaw=+141", Roll=-20deg	-20deg	H. Ang=9deg
ptical 0ES 20:52	21:22	22:20		\$13E06 0ual=03	AR5368	Mac.=EAI	Carr.Lon.=165deg	165deg	H.Ang≈8deg
HXRBS 21:07:56 BCS 20:54 FCS	6 21:10:28 21:11	21:17:26 21:36	Peakc/s=49 CaPeak.c/s=68	Qual=01 Qual= 1	Tot Cts=1867 FePeak=20:59	MaxkeV=102 FePeak.c/s=11	#Peaks=1		XFN=Q05000
VSP 21:29 adio Freque	21:29 Frequency(MHz)/Flux(sfu)	••	Wavelength=2788A 606/150	Code=02	Exp #=84322	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=-62",	1.024s/pixel ,Yaw=+64"
vent # = 1044				89/02/20	0 D0Y=51				
89/02/20,00:02 Start	DOY=51 Peak	S End times	SMM Pointing:	S13E05		Pitch=+66", Yaw=+115", Roll=-20deg	+115", Roll=-		H.Ang=8deg
HXRBS 00:01:53 UVSP 23:38 Radio Frequer	00:01:53 00:02:00 00:02:15 23:38 Frequency(MHz)/Flux(sfu):	<b>ω</b>	Peakc/s=168 Wavelength=2788A 8800/51 15400/76	Qual=01 Qual=01	Tot Cts=804 Exp #=84325	MaxkeV=187 Rast=180"x1"	Step=0" P	Pitch=-55", Yaw=+46"	Yaw=+46"
			autoria i i i						

Event # = 22455 89/02/20,03:10 Start Optical	5 0 00Y=51 Peak	End times	HaClass=SN	\$12W04	AR5368	Mac.=EAI	Carr.Lon.=172deg	172deg	H.Ang=6deg
GDES BCS 03:09 FCS 02:44	03:10	03:13	CaPeak.c/s=22 Wavelength=2788A	Qual= 4	FePeak=03:09 Exp #=84329	FePeak.c/s=15 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-46",	XEN=905100 1.024s/pixel ,Yaw=+19"
Event # = 2245 89/02/20,03:43 Start GOES 03:07 BCS 03:42 FCS 03:42	56 3 D0Y=51 Peak 03:43 03:42	End times 04:17 03:44	Importance=C2 CaPeak.c/s=20 Wavelength=2788A	Qual=03 Qual= 4 Code=00	FePeak=03:42 Exp #=84330	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-43",	XEN=905101 1.024s/pixel , Yaw=+11"
# = 10 /20,14: Start :al 13:51 13:51	DOY=51 Peak 14:03 13:56:4 14:25	End times 14:59 13:57:00	SMM Pointing: HaClass=SB Importance=M3 PeakC/s=266 CaPeak.c/s=683		AR5368 Tot Cts=28350 FePeak=14:25	itch=+109" lac.=EAI laxkeV=187 ePeak.c/s= est=420"x2	5", Rol arr. Lol lags=M Peaks= tep=15	]=-20deg n.=166deg 5, ES 1 dt= 3.8s n dt= 459s 0.4ch=19n	H.Ang=6deg H.Ang=9deg XEN=905102 1.024s/pixe1
UVSP 13:38 Radio Frequ	13:38 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=2788A Code=01 410/170 606/200 1415/610		Exp #=84366 2695/310 4995/260	Kast=180 X1 50 8800/180 15400	2		
Event # = 22458 89/02/20,15:21 60ES BCS FCS UVSP 15:11	58 11 DOY=51 Peak 15:21	End times 16:03	CaPeak.c/s=63 Wavelength=2788A	Qual=00 Qual= 5	FePeak=15:23 Exp #=84368	FePeak.c/s=8 Rast=420"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 459 Pitch=-8	xEN=905103 s 1.024s/pixel '', Yaw=-87"
Event # = 22459 89/02/20,17:14 Start Optical GOES 17:09 BCS 17:11 FCS UVSP 16:45	159 14 DOY=51 Peak 17:14 17:14	End times 17:19 17:37	HaClass=SF Importance=C3 CaPeak.c/s=44 Wavelength=2788A	\$10W08 Qual=03 Qual= 3	AR5368 FePeak=17:11 Exp #=84370	Mac.=EAI FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	Carr.Lon.=168deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	=168deg dt= 7.7s Cad=1.02s Pitch=-121"	H.Ang=8deg XEN=905104 1.024s/pixel I", Yaw=-100"
Event # = 22460 89/02/20,20:55 Start GOES BCS 20:53 FCS UVSP 20:50	460 55 00Y=51 Peak 20:55	End times 20:56	CaPeak.c/s=19 Wavelength=2788A	Qual=00 Qual= 3	FePeak=20:53 Exp #=84375	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02 Pitch=-2	XEN=905105 s 1.024s/pixel ", Yaw=-174"

89/02/21,00:52 Start GOFS	i2 D0Y=52 Peak	End times	10						
BCS 00:51 FCS 00:31	00:52	25:00	CaPeak.c/s=26 Wavelength=2788/	Qual=01 Qual= 4 A	FePeak=00:51 Exp #=84380	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+10",	XEN=905200 1.024s/pixel ,Yaw=-206"
Event # = 10446 89/02/21,05:36 Start	46 6 D0Y=52 Peak	End times	SMM Pointing:	S11W13		Pitch=+147", Yaw=-176"	w=-176", Rol	, Roll=-20deg	H.Ang≖14deg
UVSP 05:26	50 05:36:22	2 05:37:01	Peakc/s=53 Wavelength=1375A	Qual=05 Qual=02	Tot Cts=844 Exp #=84394	MaxkeV=144 Rast=30"x30"	Flags=SA Step=10"	Pitch=+132	Pitch=+132",Yaw=-211"
Event # = 10445 89/02/21,05:49 Start	45 9 DOY=52 Peak	End times	SMM Pointing:	S11W13		Pitch=+147", Ya	, Yaw=-176", Roll=-20deg	1=-20deg	H.Ang=14deg
HXRBS 05:48:9	:50 05:49:10	05:49:20	Peakc/s=43 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=126 Exp #=84394	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=+132", Yaw=-21	", Yaw=-211"
Event # = 1044 89/02/21,09:12 Start	47 2 DOY=52 Peak	Fnd times	SMM Pointing:	S11W15		Pitch=+157", Yaw	, Yaw=-202", Roll	, Roll=-20deg	H.Ana=15dea
GOES 09:00 HXRBS 09:20:27 UVSP 09:05	09:12 27 09:20:36	09:59 09:21:47	Importance=C4 Peakc/s=50 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=577 Exp #=84414	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+144",	', Yaw=-231"
Event # = 10448 89/02/21,12:23 Start	18 3 D0Y=52 Peak	End times	SMM Pointing:	S11W17		Pitch=+168", Yaw	, Yaw=-228", Roll	, Roll=-20deg	H.Ang=17deg
ical S 12:05	12:23	13:36	HaClass=SB Importance=M3	S12W14 Oual=03	AR5368	Mac.=FAI	Carr.Lon.=163deg	.163deg	H.Ang=15deg
35 12:06:2 12:08	9 12:18:44 12:21	12:31:20 12:31	Peakc/s=200 CaPeak.c/s=2172	Qual=04 Qual= 1	Tot Cts=64706 FePeak=12:20	MaxkeV=187 FePeak.c/s=432	Flags=M5, E #Peaks=1	N, SA	XEN=005201
	12:23 Frequency(MHz)/Flux(sf	lux(sfu):	Wavelength=2788A 4995/74 8800/94 1	A Code=02 15400/61	Exp #=84421	Rast=0"x0" Rast=180"x1"	Step=0" Cad=1.02 Step=0" Pitch=+5	Cad=1.02s Pitch=+50",	1.024s/pixel Yaw=-49"
Event # = 1044 89/02/21,14:00 Start	DOY=52 Peak	Fnd +imac	SMM Pointing:	S12W17		Pitch=+173", Yaw=-240", Roll=-20deg	=-240", Roll	=-20deq	H. Ana=18dea
GOES 13:50 HXRBS 13:50:29 UVSP 13:58	14:00 13:50:53		Importance=C6 Peakc/s=61 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=439 Exp #=84423	MaxkeV=102 Rast=180"x1"	Step=0"	55 "	Yaw=-62"
Event # = 22462 89/02/21,15:22 Start	2 D0Y=52 Peak	End times							
BCS 14:42	15:22	15:33	CaPeak.c/s=33	Qua]=05 Qua]= 7	FePeak=14:53				XFN=905203
15:30		_	Wavelength=2788A		Fxn #=84425	Rast=0"x0"	Step=0"	Cad=1.02s	1.024s/pixel

eg  Xe]	deg deg jxel	06 i.xel	deg deg io7 i'xel	3deg 4deg 208 6" xel 6" 8
H.Ang=20deg XEN=905204 1.024s/pixel , Yaw=-86"	H.Ang=20deg H.Ang=19deg XEN=905205 1.024s/pixe1 ,Yaw=-99"	XEN=905206 1.024s/pixel , Yaw=-111"	H.Ang=22deg H.Ang=24deg XEN=905207 1.024s/pixel , Yaw=-123"	H.Ang=23deg H.Ang=44deg XEN=905208 1.024s/pixel ", Yaw=-136" ", Yaw=-128"
7s 32s +65"	g 7s 59s +70"	dt= 7.7s Cad= 590s Pitch=+75"	,Roll=-20deg Lon.=168deg =EN S=2 dt= 7.7s :10" Cad= 590s, :0" Pitch=+80",	1=-20deg =100deg dt= 7.7s cad= 590s Pitch=+85
<pre>(carr.Lon.=166deg #Peaks=2 dt= 7. Step=10" Cad= 3 Step=0" Pitch=</pre>	=-278", Roll=-20de Carr.Lon.=165deg Flags=IS #Peaks=2 dt= 7. Step=15" Cad= 4 Step=0" Pitch=	#Peaks=3 Step=10" Step=0"	302" Carr. Flags #Peak Step= Step=	315" Carr. Step= Step= Step=  Step=
Mac.=FAI FePeak.c/s=22 Rast=180"x180" Rast=180"x1"	Pitch=+188", Yaw=-278", Mac.=FAI Carr.1 MaxkeV=102 Flags: FePeak.c/s=431 #Peak: Rast=420"x240" Step= Rast=180"x1" Step=	FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	Pitch=+198", Yaw: Mac.=FAI MaxkeV=102 FePeak.c/s=112 Rast=240"x240" Rast=180"x1"	Pitch=+203", Yaw=-315", Mac.=CSO Carr.  MaxkeV=102 FePeak.c/s=17 #Peak: Rast=240"x240" Step= Rast=180"x1" Step= Rast=180"x1" Step=
AR5368 FePeak=16:59 Exp #=84427	AR5368 Tot Cts=6900 FePeak=18:23 Exp #=84429	FePeak=20:03 Exp #=84431	AR5368 Tot Cts=7380 FePeak=21:45 Exp #=84433	AR5374  Tot Cts=397 FePeak=22:52  Exp #=84435 Fot Cts=181 Exp #=84434
\$13W19 Qual=05 Qual= 1 Code=02	\$11W20 \$12W19 Qual=03 Qual=11 Qual= 1	Qual=01 Qual= 1	\$11W22 \$13W24 Qual=02 Qual=13 Qual=1	\$11W23 \$11E44 Qual=01 Qual=01 Qual= 1 3A Associated Qual=01
HaClass=SF Importance=C5 CaPeak.c/s=179 Wavelength=2788A	SMM Pointing:  HaClass=1B Importance=M4 Peakc/s=156 CaPeak.c/s=2481 Wavelength=2788A	CaPeak.c/s=73 Wavelength=2788A	SMM Pointing: HaClass=SB Importance=M3 PeakC/s=53 CaPeak.c/s=716 Wavelength=2788A	SMM Pointing: HaClass=SF PeakC/s=47 CaPeak.c/s=126 Wavelength=2788 Wavelength=2788
End times 17:10 17:11	End time 19:03 18:29:4:	End times 20:18	End times 22:29 21:51:13 21:52	D0Y=52 Peak End times 22:36:15 22:36:50 22:52 23:21 22:39:55 22:40:11
DOY=52 Peak 17:02 17:00	DOY=52 Peak 18:22 18:21:16 18:23	DOY=52 Peak 20:04	DOY=52 Peak 21:58 21:44:20 21:50	DOY=52 Peak 5 22:36:15 22:52 0 22:39:55
= 22463 1,17:02 Start 16:51 16:15	Event # = 10450 89/02/21,18:22 Start Optical GOES 18:01 HXRBS 17:49:35 BCS 17:48 FCS 17:48	2/21,20:04 2/21,20:04 Start 19:21 20:11	Event # = 10451 89/02/21,21:58 Start Optical GOES 21:27 HXRBS 21:27:30 BCS 20:55 FCS 20:55	tt # = 10452 12/21,22:52 D Start P ical \$ 22:35:25 Z 22:28 Z 22:28 Z 22:28 Z 22:28 Z 22:28 Z
Event # 89/02/21 Optical GOES BCS FCS UVSP	Event #89/02/2 89/02/2 Optical GOES HXRBS BCS FCS	Event 89/02/ 60ES BCS FCS UVSP	Event # 89/02/21 0ptical 60ES HXRBS FCS UVSP	Event 89/02/ 89/02/ Optica 60ES HXRBS FCS UVSP  HXRBS UVSP

portances   Maxevalu2   Maxevalu2   Maxevalu2   Maxevalu3   Maxeva	Event 89/02	# = 1045 /21.23:58	4 DOY=52		CMM Dointing.	C12U22					
23:56 00:28   Qual-10; Tot Cts=129   Maxtew=102   Maxtew=		Start	Peak	End times	. 6	2124123		Pitch=+209", Ya	w=-327", Rol	]=-20deg	H.Ang=24deg
00:09:56 00:11:08   Peakc/s=5    Associated Event # = 10455   Peakc/s=5    Oual=01   Toc (ts=584   Paxkev=102   Peakc/s=105   Oual=01   Toc (ts=584   Paxkev=102   Peakc/s=101   Peakc/s=101   Peakc/s=101   Oual=01   Toc (ts=586   Paxkev=102   Peakc/s=102   Oual=01   Toc (ts=586   Paxkev=102   Peakc/s=101   Oual=01   Toc (ts=586   Paxkev=102   Peakc/s=101   Oual=01   Toc (ts=586   Paxkev=102   Peakc/s=102   Oual=01   Toc (ts=586   Paxkev=102   Peakc/s=102   Oual=01   Toc (ts=586   Paxkev=102   Peakc/s=102   Peakc/s=102   Oual=01   Toc (ts=586   Paxkev=102   Peakc/s=102   Peak	GOES HXRBS UVSP Radio	23:48 00:01:3 23:52 Freque	23:58 7 00:01:5 ncy(MHz)/	00:28 6 00:02:09 Flux(sfu):	Importance=M8 Peakc/s=43 Wavelength=2788 245/16 410/67 4	Qual=05 Qual=01 A Code=00 995/44 880	Tot Cts=129 Exp #=84436 10/32	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+87"	, Yaw=-140"
Bay   DOV = 53   Bay   DOV = 53   Bay	HXRBS	00:09:1	6 00:09:5	6 00:11:08	Peakc/s=51	Associatec Qual=01	= 1045 =584	Maxkev	1 1	1 1 1	1 1
DOY-53 End times  0.0:03 0.0:29 CaPeak.c/s=1055 Qual=5 Qual=06 0.0:03 0.0:29 CaPeak.c/s=1055 Qual=5 Qual=07 Exp #-84436 Exp #-84437 Exp #-84437 Exp #-84437 Exp #-84437 Exp #-84437 Exp #-84437 Exp #-84443 Exp #-84445 Exp #-84445 Exp #-84446 Exp #-84446 Exp #-84446 Exp #-84445 Exp #-84446 Exp #-	4 0000	77000 - 7		70.	771	89/02/2					
00:03 00:29 CaPeak.c/s=1055 Qual=0		# = 2246 /22,00:03 Start		End times							
Page   Page	BCS FCS FCS	00:01	00:03	00:29		Qual=00 Qual= 5	FePeak=00:01	FePeak.c/s=104		dt= 3.8s	XEN=905300
DOY=53 Peak 00:37:18 00:37:56 PeakC/s=56 00:38 00:37:18 00:37:56 PeakC/s=56 00:38 00:38 00:59 CaPeak.C/s=101 Qual=01 Tot Cts=586 00:38 00:59 PeakC/s=101 Qual=01 Tot Cts=586 00:12:22 02:12:44 PeakC/s=75 Qual=01 Tot Cts=695 00:12:22 02:12:44 PeakC/s=75 Qual=01 Tot Cts=695 00:13 02:26 CaPeakC/s=31 Qual=01 Tot Cts=695 00:14 02:26 CaPeakC/s=31 Qual=01 Tot Cts=695 00:15 03:26 CaPeakC/s=31 Qual=01 Tot Cts=695 00:16 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:17 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 03:26 CaPeakC/s=31 Qual=01 Tot Cts=605 00:18 00:30:30:30:30:30:30:30:30:30:30:30:30:3	UVSP	23:52				ď	Exp #=84436	Kast=420"x240" Rast=180"x1"		Cad= 459s Pitch=+87"	
00:37:18 00:37:56 PeakC/s=56 Qual=01	Event 39/02/	# = 10456 '22,00:38 Start	DOY=5 Peak	End times	1	S12W23		Pitch=+209", Ya	w=-327", Rol	1=-20deg	H.Ang=24deg
DOY=53  Bass=240"x240" Step=10" Cad= 590s  Peak  DOY=53  End times  SIMM Pointing: SI1W24  Peak.c/s=216  Qual=01  Axeelength=1375A  Exp #=84445  Rast=30"x240" Step=10" Pitch=+250"  Step=10" Pitch=+260"  Step=10" Pitch=+260"  Step=10" Pitch=+260"  Step=10" Pitch=+260"  Step=10" Pitch=+260"  Step=10" Pitch=+260"  Axeelength=1375A  Peak  HaClass=SN S12W27  Qual=01  Axeelength=1375A  Qual=01  Tot Cts=805  Pitch=+213", Yaw=-331", Roll=-20deg  Pitch=+210", Yaw=-351", Roll=-20deg  Pitch=+210", Yaw=-351", Roll=-20deg  Qual=01  Outa=00  Outa=00  Outa=00  Outa=00  Axeelength=1375A  Qual=01  Tot Cts=402  Axeelength=1375A  Axeelength=10"  Ax	SCS AX BSS SCS	00:36:44 00:29	00:37 00:38		Peakc/s=56 CaPeak.c/s=101	Qual=01 Qual=01 Qual= 1	Tot Cts=586 FePeak=00:37	MaxkeV=144 FePeak.c/s=17		dt= 7.7s	XFN=Q05301
DOY=53 Peak  DOY=53 Peak  DOY=53 Peak  DOY=53  DOY=53  Exp f=ePeak=02:13  Peak  DOY=53  DOY=53  DOY=53  Exp f=ePeak=02:13  Peak  DOY=53  Peak  DOY=53  Peak  DOY=53  Peak  DOY=53  Peak  DOY=53  DOY=53  Peak  DOY=53  Peak  DOY=53  Peak  DOY=53  Peak  DOY=53  DOY=53  Peak  DOY=53  Peak  DOY=53  Peak  DOY=53  Peak  DOY=53  DOY=53  Peak  DOY=54  Peak  Pea	JVSP	00:50			Wavelength=2788⊅			Rast=240"x240" Rast=180"x1"		Cad= 590s Pitch=+90"	1.024s/pixel, Yaw=-148"
02:12:22 02:12:44 Peakc/s=216 Qual=01 Tot Cts=895 MaxkeV=144 Rate 420"x240" Step=15" Cad= 459s 1.024s/pix Rate 420"x240" Step=15" Cad= 459s 1.024s/pix Rate 420"x240" Step=10" Pitch=+250", Yaw=-367" D0V=53 Mavelength=1375A Exp #=84442 Rast=30"x30" Step=10" Pitch=+250", Yaw=-367" D0V=53 Qual=01 Qual=01 Tot Cts=895 Mac.=FKI Carr.Lon.=168deg H.Ang=25der H.Ang=25der Havelength=1375A Rasses SN S12W27 AR5368 Mac.=FKI Carr.Lon.=168deg H.Ang=25der H.Ang=25der Havelength=1375A Qual=01 Tot Cts=402 MaxkeV=144 MaxkeV=144 Hours Spin Rast=30"x30" Step=10" Pitch=+248", Yaw=-370" Step=10" Pitch=+2400 Pitch=+2400 Pitch=+2400 Pitch=+2400 Pitch=+2400 Pitch=+2400 Pitch=+2400 Pitc	vent 19/02/	# = 10457 22,02:14 Start	DOY=5 Peak	End times	Pointing	S11W24		Pitch=+213", Yav	r=-339", Roll	1=-20deg	H.Ang=24deg
DOY=53 Feak #avelength=1375A Exp #=84442 Rast=30"x30" Step=15" Cad= 459s 1.024s/pix Peak Rast=30"x30" Step=16" Pitch=+250", Yaw=-367"  Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=03:15 FePeak.c/s=14 #Peaks=1 dt= 7.7s XEN=905303 Rast=30"x30" Step=10" Pitch=+250", Yaw=-350" Step=00 Cad=1.02s 1.024s/pix Rast=30"x30" Step=00 Pitch=+248", Yaw=-370"  SMM Pointing: S11W25 Peak Exp #=84445 Peak.c/s=7 Qual=01 Tot Cts=402 MaxkeV=144 MaxeV=144 MaxeV=100 Pitch=+248", Yaw=-370"  Rast=30"x30" Step=10" Pitch=+248", Yaw=-370"  MaxeV=1445 MaxeV=144 MaxeV=144 MaxeV=100 MaxeV=100 MaxkeV=100 MaxkeV	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	02:12:16 02:13	02:12 02:14		Peakc/s=216 CaPeak.c/s=75	Qua]=01 Qua]=01 Qua]= 4		MaxkeV=144 FePeak.c/s=16	#Peaks=1	dt= 3,8c	XFN=QO5300
DOY=53 Peak End times  Qual=01 O3:16  03:26	VSP	02:12			Wavelength=1375A			Rast=420"x240" Rast=30"x30"	Step=15" Step=10"	Cad= 459s Pitch=+250'	.024s/pix Yaw=-367"
03:16 03:26	vent 9/02/	# = 22466 22,03:16 Start	J	End times							
y(MHz)/Flux(sfu): Wavelength=1375A	SS S	03:15	03:16	03:26	CaPeak.c/s=31	Qua]=01 Qua]= 4	FePeak=03:15	FePeak.c/s=14			XFN=905303
D0Y=53  Peak  End times  HaClass=SN S12W27  Oual=00  03:32:27 03:32:46  Wavelength=1375A  Wavelength=1375A  Y(MHz)/Flux(sfu): 410/38 606/12 2695/6 4995/12 8800/30 15400/23  D3:34:18 03:34:42  Peak  Pitch=+219", Yaw=-351", Roll=-20deg H  RaxkeV=144  RaxkeV=144  RaxkeV=144  Farch=+248", Roll=01  Fitch=+248", Allon=10 Fitch=+248", Allon=+248", Allon=+2488", Allon=+2488", Allon=+2488", Allon=+2	VSP	03:15 Frequen	cy (MHz)/F		Wavelength=1375A 245/340 410/37		Exp #=84445	Rast=0"x0" Rast=30"x30"			1.024s/pixel ,Yaw=-370"
HaClass=SN S12W27 AR5368 Mac.=FKI Carr.Lon.=168deg H Qual=00 Qual=00 Qual=00 Qual=00 Qual=00 Qual=01 Tot Cts=402 MaxkeV=144 Wavelength=13.75A Exp #=84445 Rast=30"x30" Step=10" Pitch=+248", Frequency(MHz)/Flux(sfu): 410/38 606/12 2695/6 4995/12 8800/30 15400/23 Associated Event # = 10459	vent 9/02/	# = 10458 22,03:32 Start	D0Y=53 Peak	times	i	S11W25		Pitch=+219", Yaw	=-351", Roll	=-20deg	H.Ang=25deg
03:32:16 03:32:27 03:32:46 Peakc/s=77 Qual=01 Tot Cts=402 MaxkeV=144 03:15 Wavelength=1375A Exp #=84445 Rast=30"x30" Step=10" Pitch=+248", Yaw=- Frequency(MHz)/Flux(sfu): 410/38 606/12 2695/6 4995/12 8800/30 15400/23	ptica SES				HaClass=SN	\$12W27 0ual=00	AR5368	Mac.=FKI	•	168deg	H.Ang≈27deg
03:34:13 03:34:18 03:34:42 Peakc/s=42 Qual=01 Tot Cts=147 Maxkev=102	XRBS VSP adio	03:32:16 03:15 Frequenc	03:32:27 :y(MHz)/F		Peakc/s=77 Wavelength=1375A 410/38 606/12 269	Qual=01 )5/6 4995/	Tot Cts=402 Exp #=84445 12 8800/30 15400	MaxkeV=144 Rast=30"x30" )/23		=	, Үаw=-
	XRBS	:34:13	03:34:18	03:34:42	Peakc/s=42	Qual=01	Tot Cts=147	MaxkeV=102	1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Event # = 10460 89/02/22,04:00	D0Y=53		SMM Pointing:	S11W25		Pitch=+219", Yaw=	, Yaw=-351", Roll=-20deg		H.Ang=25deg
Start GOES HXRBS 03:55:14 BCS 03:31 FCS 03:47	Peak 03:55:19 04:00	End times 03:55:38 04:05	Peakc/s=53 CaPeak.c/s=68 Wavelength=1375A	Qual=00 Qual=01 Qual= 1	Tot Cts=194 FePeak=04:00 Exp #=84447	MaxkeV=102 FePeak.c/s=14 Rast=0"x0" Rast=30"x30"	#Peaks=2 Step=0" Step=10"	dt= 7.7s XI Cad=1.02s 1 Pitch=+250",	XEN=905304 1.024s/pixel ", Yaw=-374"
Event # = 22467 89/02/22,04:56 Start GOES 04:56 BCS 04:56 FCS 04:47	DOY=53 Peak 04:56	End times 05:04	CaPeak.c/s=31 Wavelength=1375A	Qua]=05 Qua]= 5	FePeak=04:56 Exp #=84450	FePeak.c/s=12 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s XI Cad=1.02s 1 Pitch=+238",	XEN=905305 1.024s/pixe1 1", Yaw=-357"
Event # = 22468 89/02/22,05:23 81005:23 0ptical 60ES 8CS 05:21 FCS UVSP 05:19 Radio Frequen	DOY=53 Peak 05:23	= 22468 105:23 DOY=53 tart Peak End times 5:21 05:23 05:25 5:19 Frequency(MHz)/Flux(sfu):	HaClass=SF CaPeak.c/s=40 Wavelength=1375A 410/64	\$12W28 Qual=00 Qual= 1	AR5368 FePeak=05:22 Exp #=84452	Mac.=FKI FePeak.c/s=8 Rast=0"x0" Rast=30"x30"	Carr.Lon.=168deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=10" Pitch=	7s 02s +260	H.Ang=28deg XEN=905306 1.024s/pixel ",Yaw=-381"
Event # = 22469 89/02/22,05:32 60ES ECS ECS UVSP 05:19	) D0Y=53 Peak 05:32	End times 05:34	CaPeak.c/s=19 Wavelength=1375A	Qual=00 Qual= 4	FePeak=05:32 Exp #=84452	FePeak.c/s=6 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s XI Cad=1.02s 1 Pitch=+260",	XEN=905307 1.024s/pixel ",Yaw=-381"
Event # = 22471 89/02/22,06:58 802,06:45 8CS 06:53 FCS 06:53 UVSP 06:53  FCS 06:45 UVSP 06:45 UVSP 06:45	DOY=53 Peak 06:58 06:59	End times 07:30 07:11	Importance=C4 Qual=03 CaPeak.c/s=47 Qual= 1 F Wavelength=1375A Code=00 E Associated E CaPeak.c/s=18 Qual= 5 F Wavelength=1375A	Qual=03 Qual= 1 A Code=00 Associated Qual= 5	FePeak=06:54 Exp #=84459 Event # = 22470 FePeak=06:45 Exp #=84457	FePeak.c/s=8 Rast=0"x0" Rast=10"x10" )	#Peaks=1 Step=0" Step=0" #Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=1.02s Pitch=+265 dt= 7.7s Cad=1.02s Pitch=+245	XEN=905309 1.024s/pixel ", Yaw=-393" 
Event # = 10462 89/02/22,08:22 Start GOES HXRBS 08:17:27 ECS 08:13 FCS	2 DOY=53 Peak 17 08:17:40 (08:22	End times 40 08:18:08 08:34	SMM Pointing: PeakC/s=45 CaPeak.c/s=101 Wavelength=1375A	\$11W28 Qual=01 Qual=01 Qual= 1	Tot Cts=279 FePeak=08:22 Exp #=84468	Pitch=+234", Yaw MaxkeV=102 FePeak.c/s=18 Rast=420"x240" Rast=10"x10"	,Yaw=-386",Roll=-20deg 18 #Peaks=2 dt= 3.8 40" Step=15" Cad= 45 ". Step=0" Pitch=+	s 98 245	H.Ang=28deg XEN=905310 1.024s/pixel ", Yaw=-443"

•												į			l			
	† 1   1   1   1   1   1   1   1   1   1		H.Ang=33deg XEN=905311	1.024s/pixel ",Yaw=-387"		XFN=905312	1.024s/pixel ",Yaw=-230"		H.Ang=34deg	XFN=905313	1.024s/pixel ", Yaw=-241"		H.Ang≈35deg	XEN=905314 1.024s/pixel Yaw=-252"	H. Ang=32deg	H.Ang=32deg	XEN=905315	1.024s/pixel ', Yaw=-263"
Di+Ch=+244			Carr.Lon.=170deg #Peaks=1 dt= 3.8s	Cad= 459s Pitch=+247	<b>W</b>	dt= 7.75	Cad=1.02s Pitch=+126	The state of the s	=170deg		Cad= 590s Pitch=+131		=170deg	<pre>at= /./s Cad= 590s Pitch=+136"</pre>		=166deg	dt= 7.7s	Cad= 590s Pitch=+141"
Sten=0"				Step=15 Step=3"		#Peaks=1	Step=0" Step=0"		Carr.Lon.=170deg		Step=10" Step=0"			#Peaks=2 Step=10" Step=0"	, Yaw=-442", Rol	Carr.Lon.=166deg	#Peaks=1	Step=10" Step=0"
MaxkeV=102 Rast=10"x10"	MaxkeV=1		Mac.=FKI FePeak.c/s=20	Rast=420"x240" Rast=243"x243"		FePeak.c/s=7	Rast=0"x0" Rast=180"x1"		Mac.=FKI	FePeak.c/s=27	Rast=240"x240" Rast=180"x1"		Mac.=FKI	rereak.c/s=49 Rast=240"x240" Rast=180"x1"	Pitch=+259", Yaw	Mac.=FKI	MaxkeV=102 FePeak.c/s=9	Rast=240"x240" Rast=180"x1"
Event # = 10461 Tot Cts=102 Exp #=84466	Event # = 10463 Tot Cts=218		AR5368 FePeak=09:52	Exp #=84475		FePeak≈11:27	Exp #=84477	5	AR5368	FePeak=13:06	Exp #=84479 F		AR5368 P		4	AR5368 M	Tot Cts=88 M FePeak=15:45 F	Exp #=84483 R
sociated Qual=01	sociated Qual=01		\$10W33 Qual=04 Qual= 4	A Code=00		Qual=00 Qual= 4			\$11W34 Oual=01				\$10W35 Qual=04	Code=02	S11W32	\$12W32	Qual=01 T Qual= 1 F	LU
	Peakc/s=44		HaClass=SF Importance=M1 CaPeak.c/s=126	Wavelength=2788A		CaPeak.c/s=26	Wavelength=2788A		HaClass=SN Importance=M1	CaPeak.c/s=179	Wavelength=2788A III/1 245/570		HaClass=SF Importance=C8 CaPeak_c/s=276	Wavelength=2788A	SMM Pointing:	HaClass=SF	Peakc/s≖43 CaPeak.c/s=94	Wavelength=2788A
08:16:31 08:16:54	1:41 08:20:53	End times	11:00 10:19		End times	11:39		Fnd + impo	, mes	3:25		Fnd +imes	52		End +	5	16:17:28 16:32	
	08:20	2 D0Y=53 Peak			D0Y=53 Peak	11:29		DOY=53 Peak	13:02	13:06	Type/I cy(MHz)/F	DOY=53	14:42 14:41		DOY=53	ĺ	16:17:18 16:15	
08:16:24 08:09	08:20:15	= 2247 2,10:04 Start	al 09:42 09:50	09:43	: # = 22473 2/22,11:29 Start	11:27	11:44	Event # = 22474 89/02/22,13:02 Start	را 12:58	13:0	13:19 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Event # = 22475 89/02/22,14:42 Start	ן 14:37 14:02	14:51	Event # = 10464 89/02/22,16:15 Start		16:17:06 15:40	16:25
HXRBS	HXRBS	Event 89/02,	Optical GOES BCS FCS	UVSP		BCS.	UVSP	Event 89/02/	Optica GOES	BCS FCS	UVSP J Radio Sv Radio		Optical GOES BCS	FCS UVSP	Event 89/02/	Optica GOES	HXRBS BCS FCS	UVSP

Carr.Lon.=167deg H.Ang=34deg #Peaks=2 dt= 7.7s XEN=905316 Step=15" Cad= 459s 1.024s/pixe1 Step=0" Pitch=+146", Yaw=-274"	#Peaks=1 dt= 7.7s XEN=905317 Step=0" Cad=1.02s 1.024s/pixel Step=5" Pitch=+278",Yaw=-519"	465",Roll=-20deg H.Ang=34deg #Peaks=1 dt= 3.8s XEN=905318 Step=15" Cad= 459s 1.024s/pixel Step=5" Pitch=+278",Yaw=-519"	#Peaks=1 dt= 7.7s XEN=905319 Step=10" Cad= 590s 1.024s/pixel Step=5" Pitch=+281",Yaw=-462"	#Peaks=1 dt= 7.7s XEN=905320 Step=0" Cad=1.02s 1.024s/pixe1 Step=10" Pitch=+291",Yaw=-534"	486",Roll=-20deg H.Ang=35deg
Mac.=FKI Car FePeak.c/s=42 #Pe Rast=420"x240" Ste Rast=180"x1" Ste	FePeak.c/s=9 #Pe Rast=0"x0" Ste Rast=70"x70" Ste	Pitch=+269", Yaw=-465", Roll=-20deg MaxkeV=102 FePeak.c/s=14 #Peaks=1 dt= 3.8 Rast=420"x240" Step=15" Cad= 45 Rast=70"x70" Step=5" Pitch=+	FePeak.c/s=8 #P Rast=240"x240" St Rast=265"x265" St	FePeak.c/s=7 #P Rast=0"x0" St Rast=30"x30" St	Pitch=+279",Yaw=-486",
AR5368 FePeak=17:47 Exp #=84485	FePeak=18:48 Exp #=84487	Tot Cts=882 FePeak=19:23 Exp #=84487	FePeak=19:38 Exp #=84488	FePeak=21:11 Exp #=84494	
\$13W34 Qual=03 Qual= 1 Code=02	Qual=00 Qual= 1	\$11W34 Qual=01 Qual=1 Qual=1 Code=00	Qual=00 Qual= 4	Qual=00 Qual= 3 A	S11W35
HaClass=SN Importance=C7 CaPeak.c/s=246 Wavelength=2788A	CaPeak.c/s=35 Wavelength=1375A	SMM Pointing: Importance=C4 Peakc/s=105 CaPeak.c/s=64 Wavelength=1375A	CaPeak.c/s=24 Wavelength=1375A	CaPeak.c/s=93 Peak3c/s=11 Wavelength=1375A	SMM Pointing:
End times 18:18	End times 19:16	End times 19:26 19:23:46 19:34	End times 19:39	End times 21:12	End times
DOY=53 Peak 17:49 17:48	DOY=53 Peak 18:59	DOY=53 Peak 19:24 19:22:46 19:23	DOY=53 Peak 19:38	DOY=53 Peak 21:10 21:07	00Y=53 Peak
Event # = 22476 89/02/22,17:49   Start Optical GOES 17:41 BCS 17:10 FCS 17:58	Event # = 22477 89/02/22,18:59 60ES Start 60ES 18:43 FCS 18:48	Event # = 10465 89/02/22,19:24 Start GOES 19:21 HXRBS 19:22:32 BCS 19:22 FCS 19:22	Event # = 22478 89/02/22,19:38 60ES BCS FCS UVSP 20:18	Event # = 22479 89/02/22,21:10 C Start GOES ECS 20:59 Z FCS 21:04	Event # = 10466 89/02/22,22:01 Start

Start	Peak	End times	10 co	90.14		;			
Optical GOES 23:51	23:57	00:05	HaClass≖SF HaClass≖SF Importance=C3	N14W08 S13W36 Oual=01	AR5373 AR5368	Mac.=EKI	Carr.Lon	Carr.Lon.=138deg Carr.Lon.=166deg	H.Ang=23deg H.Ang=36deg
23:52	23:56		CaPeak.c/s=81	Qual= 1	FePeak=23:56	FePeak.c/s=15			XEN=905322
UVSP 23:29			Wavelength=1375A	Code=00	Exp #=84502	Kast=240"x240" Rast=30"x30"	Step=10" Step=10"	Cad= 590s 1 Pitch=+288",	1.024s/pixel 3", Yaw=-546"
				89/02/23	3 D0Y=54				
Event # = 2248] 89/02/23,00:57 Start	81 7 DOY=54 Peak	End times							
GOES BCS 00:57	00:57	01:15	CaPeak.c/s=30	Qual=00 Qual= 5	FePeak=01:02	FePeak.c/s=12			XEN=QUSADO
P 00:59			Wavelength=1375A		Exp #=84505	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s ] Pitch=+296",	1.024s/pixel ", Yaw=-494"
Event # = 22482 89/02/23,01:20 Start	32 ) D0Y=54 Peak	End times							
60ES BCS 01:20	01:20	01:30	CaPeak.c/s=24	Qua]=00 Qua]= 4	FePeak=01:20	FePeak.c/s=9	#Peaks=1		YEN=005401
P 01:01			Wavelength=1375A		Exp #=84507	Rast=0"x0" Rast=30"x30"	Step=0" Step=10"	Cad=1.02s 1 Pitch=+323",	1.024s/pixel ",Yaw=-551"
Event # = 22483 89/02/23,01:33 Start	33 1 D0Y=54 Peak	End times							
BCS 01:31	01:33	01:44	CaPeak.c/s=18	Qual=00 Qual= 4	FePeak=01:39	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XFN=905402
01:33			Wavelength=1375A		Exp #=84508	Rast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+325",	1.024s/pixel ', Yaw=-555"
Event # = 22484 89/02/23,02:32 Start	4 D0Y=54 Peak	End times							
BCS 02:29	02:32	03:13 (	CaPeak.c/s=63	Qua]=00 Qua]= 5	FePeak=02:31	FePeak.c/s=12	#Peaks=1	dt= 3.8s	XFN=905403
02:31		-	Wavelength=1375A		Exp #=84510	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=+301"	1.024s/pixel ', Yaw=-504"
Event # = 22485 89/02/23,04:14 Start	5 D0γ=54 Peak	End times							
BCS 04:14	04:14	04:59	CaPeak.c/s=136	Qua!=02 Qua]= 5	FePeak=04:14	FePeak.c/s=21	#Peaks=1	dt= 3.8s	XEN=905404
04:08		.3	Wavelength=1375A		Fxn #=84517	Rast=420"x240" Dast=30"<30"	Step=15"	Cad= 459s 1	1.024s/pixel

Event #	= 10467	10Y=54		SMM Pointing:	S11W39		Pitch=+298", Yaw=	, Yaw=-527", Roll=-20deg		H.Ang=39deg
GOES HXRBS UVSP	Start 6 04:03 04:40 04:40	eak 5:00 04:54:00	End times 05:25 04:56:00	ortance=M1 kc/s=45 elength=1375A	Qual=04 Qual=01 Code=00	Tot Cts=1662 Exp #=84519	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=+320",	, Үам=-590"
Event #89/02/2 60ES BCS FCS UVSP	2/23,05:53 2/23,05:53 5tart 05:53	DOY=54 Peak 05:53	End times 06:01 (	CaPeak.c/s=19 Wavelength=1375A	Qual=00 Qual= 5	FePeak=05:56 Exp #=84522	FePeak.c/s=10 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+338",	XEN=905405 1.024s/pixel ", Yaw=-583"
Event # 89/02/2 GOES BCS FCS UVSP	# = 22487 23,06:30 Start 06:12 06:17	DOY=54 Peak 06:30	End times 06:33	CaPeak.c/s=71 Wavelength=1375A	Qual=00 Qual= 1	FePeak=06:30 Exp #=84526	FePeak.c/s=10 Rast=240"x240" Rast=10"x10"	#Peaks=2 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=+340",	XEN=905406 1.024s/pixel ", Yaw=-545"
Event # 89/02/2 60ES BCS FCS UVSP	# = 22488 23,12:28 Start 12:25 12:25 12:39	007=54 Peak 12:28 12:27	End times 12:32 12:33	Importance=C3 CaPeak.c/s=49 Wavelength=2788A	Qual=01 Qual= 1	FePeak=12:27 Exp #=84543	FePeak.c/s=12 Rast=420"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 4.0s Cad= 459s Pitch=+204"	XEN=905407 1.024s/pixel ", Yaw=-396"
Event 89/02/ 60ES BCS FCS UVSP	# = 22489 23,12:43 Start 12:37 12:39	) D0Y=54 Peak 12:43	End times 12:46	CaPeak.c/s=32 Wavelength=2788A	Qual=00 Qual= 1	FePeak=12:40 Exp #=84543	FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s XEN=905408 Cad= 590s 1.024s/pix Pitch=+204", Yaw=-396"	XEN=905408 1.024s/pixel , Yaw=-396"
Event 89/02/ 60ES BCS FCS UVSP	2/23,13:29 Start 13:24 13:24	0 D0Y=54 Peak 13:29	End times 13:59	CaPeak.c/s=47 Wavelength=2788A	Qual=00 Qual= 3 A	FePeak=13:28 Exp #=84544	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+206"	XEN=905409 1.024s/pixel ", Yaw=-399"
Event 89/02/ 0ptica GOES HXRBS BCS FCS UVSP	# = 1046 23,17:20 Start 1] 17:14:1 17:04 17:19	D0Y=5 Peak 17:17 17:20	4 End times :12 17:20:14	§ ± 40 ≥	\$11W45 \$13W48 Qual=00 Qual=1 Qual= 1	AR5368 Tot Cts=2297 FePeak=17:19 Exp #=84549	Pitch=+333", Yaw: Mac.=EKI MaxkeV=102 FePeak.c/s=97 Rast=240"x240" Rast=180"x1"	,Yaw=-598",Roll= Carr.Lon.= 97 #Peaks=1 40" Step=10" " Step=0"	1=-20deg =168deg dt= 7.7s cad= 590s Pitch=+217	H.Ang=45deg H.Ang=48deg XEN=905410 1.024s/pixel '', Yaw=-422"
; ;	:	1								

### 17:21   17:35   17:35   17:35   17:35   17:35   17:35   17:35   17:35   17:35   17:35   17:35   17	Event # = 1046 89/02/23.17:21	9 D0Y=54		NAM Doint and	C1111AC					
\$2 \\ \frac{1}{21} \text{if } \frac{1}{22} \text{if }		Peak	шe	5			Pitch=+338", Ya	aw=-608", Rc	oll=-20deg	H.Ang=46deg
13/24   19:50   19:55   19:55   19:40   19:50   19:45   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:55   19:40   19:50   19:45   19:49   19:50   19:45   19:49   19:50   19:49   19:50   19:45   19:49   19:50   19:49   19:50   19:49   19:50   19:49   19:50   19:49   19:50   19:49   19:49   19:50   19:49   19:4		17:21	17:35 17:23:	E 2.3	Qual=03 Qual=01 Code=00	Tot Exp		Step=0"	Pitch=+217	, Yaw=-42
19:27   19:50   19:55   19:45   19:55   19:4	200	DOY=5 Peak	nd tim	SMM Pointing:	S11W47		Pitch=+345", Ye	IW=-621", Ro	11=-20deg	H.Ang=47deg
19:37   19:49:27   19:49:22   PeakC/s=29   Qual=   TePeak=19:49   Peaks=19:49   P	ca   ca   19:44	19:50	19:55	HaClass=1N HaClass=SF Importance=C7	\$16W54 N17W18 Oual=01	AR5368 AR5373	Mac.=EKI	Carr.Lon Carr.Lon	.=173deg .=137deg	H.Ang=53deg H.Ang=30deg
13-27   Mavelength=2788A Code=01	19:45	19:47 19:49	19:49: 20:04	Peakc/s=91 CaPeak.c/s=295		Tot Cts=4359 FePeak=19:49	MaxkeV=102 FePeak.c/s=78 Rast=420"x240"	#Peaks= C+on=15		XEN=905411
1947   Pritch+345", Yaw=-621", Roll=-20deg     21.047	or 19:2/			æ.			Rast=180"x1"		Pitch=+224	1.U24s/plxel ",Yaw=-435"
Carr. Lon. = 171deg   Ha Class = SN   S16453   Hac. = EKI   Carr. Lon. = 171deg	, C	DOY=5 Peak	time	SMM Pointing:	S11W47		Pitch=+345", Ya	w=-621", Ro	11=-20deg	H.Ang=47deg
21:10 21:11 21:20 Peakc/s=47 Qual=01 Tot Cts=5503 Haxkev=187 FePeaks 1 dt= 3.8s   21:10 21:11 21:16 CaPeak.c/s=162 Qual=1 FePeaks 21:11 FePeaks 21:11	al 21:07	21:11	21:13	HaClass=SN Importance=C5	\$16W53 Oual=01		Mac.=EKI	Carr. Lon	.=171deg	H.Ang=53deg
21:13  Wavelength=1375A Code=02 Exp #=84554 Rast=265"x269" Step=5" Cad= 4559 Pitch=+357 Cad= 4559 Pitch=+357 Cad= 4559 Pitch=+357 Cad= 4559 Pitch=+357 Cad= 4559 Pitch=+357 Cad= 4559 Pitch=+357 Cad= 4559 Pitch=+357 Cad= 4559 Pitch=+358 Pitch=+358 Pitch=+358 Pitch=+358 Pitch=+358 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+369 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+369 Pitch=+370 Pitch=+	21:07	21:09:5 21:11	21:21 21:16	Peakc/s=47 CaPeak.c/s=162	Qual=01 Qual= 1	Tot Cts=5503 FePeak=21:11	MaxkeV=187 FePeak.c/s=38			XEN=QOSA12
2/23,21:58				Š	Code=02		Rast=420"x240" Rast=265"x265"		Cad= 459s Pitch=+357	1.024s/pixel ",Yaw=-616"
21:58 21:59	nt # 02/2	D0Y=54 Peak	time							
21:48	21:5	.5	: 5	eak.c/s=19	Qual=00 Qual= 4	FePeak=21:58	FePeak.c/s=13		dt= 7.7c	YEN-DOEA13
## = 22492  2/24,00:07  Start Peak End times  Start Peak End times    Alternation	21:4			avelength=137		Exp #=84558	Rast=240"x240" Rast=30"x30"		Cad= 590s Pitch=+380	1.024s/pixel ',Yaw=-656"
2/24,00:07 D0Y=55 Start Peak HaClass=SF S24W27 AR5369 Mac.=HRX Carr.Lon.=144deg  23:56 00:07 00:30 Importance=C6 Qual=05 00:17 00:18 00:53 CaPeak.c/s=163 Qual= 5 FePeak=00:19 FePeak.c/s=20 #Peaks=1 dt= 3.8s 00:20	- 1 "				89/02/5					
23:56 00:07 00:30 Importance=C6 Qual=05 Go:07 00:18 00:53 CaPeak.c/s=163 Qual= 5 FePeak=00:19 FePeak.c/s=20 #Peaks=1 dt= 3.8s Rast=240"x240" Step=5" Care 590s Pitch=+365"	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	DOY=5 Peak	time	;						
00:20 Wavelength=1375A Exp #=84564 Rast=265"x265" Step=10" Cad= 590s Pitch=+365"	23:5 00:1	00:07	.:. ₁	aClass=SF mportance=C6	\$24W27 Qua]=05	AR5369	Mac.=HRX	Carr.Lon.	=144deg	H.Ang=31deg
#avelength=13/5A		00.10	Ω	eak.c/s=163	Qual= 5	FePeak=00:19	FePeak.c/s=20 Rast=240"x240"			XEN=905500
# = 22493 :/24,01:51				elength=137			Rast=265"x265"		~_	, Yaw=-633"
01:50 01:51 02:46 CaPeak.c/s=52 Qual= 1 FePeak=01:59 FePeak.c/s=14 #Peaks=1 dt= 7.7s Rast=240"x240" Step=10" Cad= 590s 01:52 Wavelength=1375A Exp #=84569 Rast=265"x265" Step=5" Pitch=+370"		DOY=5 Peak	<u>;</u>							
:52 Rast=240"x240" Step=10" Cad= 590s Exp #=84569 Rast=265"x265" Step=5" Pitch=+370"	01:	:51	4:	ak.c/s=52	Qual=05 Qual= 1	FePeak=01:59	FePeak.c/s=14	#Peaks=1	dt= 7.7s	XFN=Q05501
	:5			a)		Exp #=84569	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=+370"	1.024s/pixel ,Yaw=-641"

Event # = 10472 89/02/24,03:32	D0Y=55	1	SMM Pointing:	S11W52		Pitch=+367", Yaw=	, Yaw=-662", Roll=-20deg		H.Ang=51deg
Start GOES HXRBS 03:30:41 UVSP 03:29	Реак 03:32:10	End times 03:34:39	Peakc/s=129 ( Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=11980 Exp #=84576	MaxkeV=230 Rast=30"x30"	Step=10"	Pitch=+406", Yaw=-706"	,Yaw=-706"
Event # = 22494 89/02/24,05:15 Start GOES BCS 05:12 FCS 05:03 UVSP 05:03	90 90 90	r=55 ak End times :15 05:18 ( Tvpe/Intensity:	CaPeak.c/s=33 Wavelength=1375A III/2	Qual=05 Qual= 1	FePeak=05:14 Exp #=84581	FePeak.c/s=11 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s X Cad=1.02s Pitch=+406",	XEN=905502 1.024s/pixel ", Yaw=-714"
Event # = 22495 89/02/24,08:28 Start GOES 08:24 BCS 08:27 FCS UVSP 08:55	05.88	es S	Importance=C4 CaPeak.c/s=137 Wavelength=1375A	Qua]=01 Qua]= 5	FePeak=08:27 Exp #=84592	FePeak.c/s=31 Rast=420"x240" Rast=70"x70"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 459s 1 Pitch=+406",	XEN=905503 1.024s/pixel ", Yaw=-722"
Event # = 22496 89/02/24,10:29 Start GOES BCS 10:28 FCS UVSP 10:25	5 00Y=55 Peak 10:29	End times 10:33	CaPeak.c/s=26 Wavelength=2788A	Qual=03 Qual= 4	FePeak=10:29 Exp #=84596	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+265",	XEN=905504 1.024s/pixel ", Yaw=-510"
Event # = 22497 89/02/24,11:49 89/02/24,11:49 0ptical GOES BCS 11:43 FCS UVSP 12:00	7 D0Y=55 Peak 11:49	End times 12:04	HaClass=SF CaPeak.c/s=86 ₩avelength=2788A	\$16W58 Qual=01 Qual= 1	AR5368 FePeak=11:49 Exp #=84598	Mac.=EKI FePeak.c/s=13 Rast=420"x240" Rast=180"x1"	Carr.Lon.=168deg #Peaks=1 dt= 3. Step=15" Cad= 4 Step=0" Pitch=	=168deg dt= 3.8s Cad= 459s Pitch=+269	H.Ang=57deg XEN=905505 1.024s/pixel ",Yaw=-517"
Event # = 10473 89/02/24,19:26 Start GOES HXRBS 19:25:51 UVSP 19:46	3 DOY=55 Peak 11 19:26:01	End times 1 19:26:05	SMM Pointing: Peakc/s=41 Wavelength=2788A	S11W64 Qual=00 Qual=01	Tot Cts=86 Exp #=84608	Pitch=+422",Yaw=-753",Roll=-20deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=+	M=-753", RO Step=0"	ll=-20deg	H.Ang=63deg ", Yaw=-573"
Event # = 12775 89/02/24,19:47 D Start P HXRBS 19:47:03 I UVSP 19:46	75 7 D0Y=55 Peak 33 19:47:06	End times 06 19:47:19	SMM Pointing: Peakc/s=286 Wavelength=2788A	S11W64 Qual=01	Tot Cts=1360 Exp #=84608	Pitch=+422", Yam MaxkeV=629 Rast=180"x1"	, Yaw=-753", Ro Flags=FS " Step=0"	-753",Roll=-20deg H.Ang=63de Flags=FS,NS,GB Step=0" Pitch=+305",Yaw=-573"	H.Ang=63deg

Class=SF   Signed   AR5368	<b>=</b> 55	1		1	6111164					
\$13466 AR5368 ABC.=EKI Qual=03 Qual=03 Qual=03 Qual=03 Qual=03 Qual=03 I Tot Cts=2697 Rast=420"x240" Step=0" Step=0" Step=1" Rast=420"x240" Step=0" Step=1" Cad= 459s Rast=180"x1" Step=1" Ste	o End times			SMM Pointing:	S11W64		Pitch=+422",Ya	IW=-753", Ro	11=-20deg	H.Ang=63deg
Qual=01 Tot Cts=2697	9 19:54			daClass=SF  mportance=C3			Mac.=EKI	Carr.Lon	.=172deg	H.Ang≖65deg
State	47:07 19:48:04 F	÷0.		eakc/s=254 aPeak.c/s=76		Tot Fep	MaxkeV=629 FePeak.c/s=18			
\$11W65 \$13W66 \$13W66 \$13W66 \$13W66 \$13W66 \$13W66 \$13W66 \$13W66 \$13W66 \$13W69 \$13W66 \$13W69 \$13W66 \$10Wal=01 \$1 FePeak=21:10 \$1	3	3	38	Wavelength=2788/			Rast=420"x240" Rast=180"x1"			
S13W66  Oual=01  Oual=01  Oual=01  Oual=01  Oual=01  Oual=01  Oual=01  Oual=01  Oual=01  Tot Cts=1359  Rast=20"x240"  Rast=20"x240"  Rast=20"x240"  Rast=20"x240"  Rast=20"x240"  Rast=20"x240"  Rast=20"x240"  Rast=20"x240"  Rast=20"x240"  Step=10"  Pitch=+426"  Rast=20"x240"  Step=10"  Rast=20deg  S13W68  AR5368  Ract=30"x30"  Rast=240"x240"  Rast=240"x240"  Step=10"  Rate=20deg  S13W68  AR5368  Ract=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=30"x30"  Step=10"  Pitch=+426"  Rast=240"x240"  Rast=240"x240"  Rast=30"x30"  Rast=420"x240"  Rast=420"x240"  Rast=420"x240"  Rast=420"x240"  Rast=420"x240"  Rast=2499  Rast=2499  Rast=2499  Rast=30"x30"  Rast=420"x240"  Rast	DOY=55 SI Peak End times	1	S		S11W65		Pitch=+429", Ya	w=-763", Ro	11=-20deg	H.Ang≈64deg
Qual=01 Tot Cts=1359	21:17		포트	Class=SF portance=C5	\$13¥66 0ual=01		Mac.=EKI	Carr.Lon.	.=171deg	H.Ang=65deg
Qual=01	:09:01 21:10:57 Peak :10 21:26 CaPe	57 Pea CaF	Pea	kc/s=50 eak.c/s=236	Qual=01 Qual= 1		MaxkeV=102 FePeak.c/s=57			XFN=905507
Qual=01 Qual=01	Wav	Way	ģ				Rast=420"x240" Rast=30"x30"		Cad= 459s Pitch=+44	Ξ.
Qual=01 Qual=01 Qual=02:23 Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=30"x30" Step=10" Cad= 590s S13W68 S13W68 AR5368 ARc.=EKI Qual=02 Code=00 Exp #=84622 Rast=240"x240" Step=10" Pitch=+420 Qual=01 Tot Cts=11686 Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Pitch=+422" B9/02/25 D0Y=56 S11W65 Pitch=+429", Yaw=-763", Roll=-20deg Rast=30"x30" Step=10" Pitch=+420 Qual=01 Tot Cts=362 Qual=01 Tot Cts=362 Maxkev=102 Qual=01 Tot Cts=362 Qual=01 Tot Cts=362 Qual=01 Tot Cts=362 Qual=01 Tot Cts=362 Rast=420"x240" Step=10" Pitch=+454" Saciated Event # = 22499 FePeak.c/s=26 Qual= 4 FePeak=23:46 Rast=0"x0" Step=0" Cad= 7.7s Rast=20"x30" Step=10" Pitch=+454"	DOY=55 Peak End times	mes								
SIJW65 SIJW65 SIJW65 SIJW68 AR5368 ARc.=EKI Qual=02 Qual=02 Qual=03 Tot Cts=11686 Axxev=230 Qual=01 Tot Cts=11686 Axxev=230 Qual=01 Tot Cts=11686 Axxev=230 Qual=01 Tot Cts=11686 Axxev=230 Qual=01 Tot Cts=11686 Axxev=230 Si3W68 AR5368 ARc.=EKI Carr.Lon.=172deg Cade=590s Step=10" Cade=50s Step=10" Step=10" Cade=50s Step=10" Step=10" FePeak=590s Step=10" FePeak=590s Step=10" FePeak=590s FePeak=7.7s FePeak=230 Step=10" FePeak=590s FePeak=7.7s FePeak=60s FePeak-763", Roll=-20deg Axxev=102 Qual=01 Tot Cts=362 Axxev=102 Qual=01 Tot Cts=362 FePeak-763", Roll=-20deg FePeak-778 FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20deg FePeak-763", Roll=-20	35 22:56 CaPe	CaPe	aPe	ak.c/s=49	Qua]=01 Qua]= 1	FePeak=22:23	FePeak.c/s=10			YEN-005500
\$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W68 \$13W69 \$13W69 \$13W69 \$13W69 \$13W69 \$13W69 \$13W69 \$13W69 \$13W65 \$13W660 \$13W60 \$13	Have	æ	æ	length=1375A		Exp #=84620	Rast=240"x240" Rast=30"x30"		Cad= 590s Pitch=+426	1.024s/pixel ",Yaw=-726"
\$\text{Si3W68}\$ AR5368 Mac.=EKI Carr.Lon.=172deg}\$\text{Qual=02}\$\text{Qual=02}\$\text{Qual=01}\$\text{Tot Cts=11686}\$\text{Rast=230}\$\text{Rast=240}\timess{2.249}\$\text{Rast=240}\timess{2.249}\$\text{Rast=100}\timess{2.249}\$\text{Rast=30}\timess{2.249}\$\text{Rast=30}\timess{2.249}\$\text{Rast=30}\timess{2.249}\$\text{Rast=30}\timess{2.249}\$\text{Rast=30}\timess{2.249}\$\text{Rast=30}\timess{2.249}\$\text{Rast=30}\timess{2.249}\$\text{Rast=30}\timess{2.249}\$\text{Rast=00.00}\$\text{Rast=20.00}\timess{2.249}\$\text{Rast=00.00}\$Rast=0	DOY=55 SMM Peak End times	iles	£	Pointing:	S11W65		Pitch=+429", Yaw	r=-763", Ro1		H.Ang=64deg
Qual=01       Tot Cts=11686       MaxkeV=230       #Peaks=1       dt= 7.7s         Qual=1       FePeak.c/s=25       #Peaks=1       dt= 7.7s         Code=00       Exp #=84622       Rast=30"x30"       Step=10"       Cad= 590s         89/02/25       D0Y=56       Pitch=+429", Yaw=-763", Roll=-20deg         N11E56       AR5377       Mac.=EAI       Carr.Lon.=47deg         Qual=01       Tot Cts=362       MaxkeV=102       APeaks=1       dt= 3.8s         Qual=01       Tot Cts=362       MaxkeV=102       Repeaks=1       dt= 3.8s         Qual=01       FePeak=00:00       FePeak:c/s=25       #Peaks=1       dt= 3.8s         Sociated Event # = 22499       Seciated Event # = 22499	23:05		a	.Class=SF rtance=C8		AR5368	Mac.=EKI	Carr. Lon.	=172deg	H.Ang=67deg
Code=00 Exp #=84622 Rast=30"x240" Step=10" Cad= 590s 89/02/25 D0Y=56  S11W65  N11E56 AR5377 Mac.=EAI Carr.Lon.=47deg Qual=01 Tot Cts=362 MaxkeV=102 Rast=420"x240" Step=15" Cad= 459s Code=00 Exp #=84625 Rast=30"x30" Step=10" Pitch=+454	3:00:07 23:00:24 Peak.	4	aPe.	c/s=1763 ak.c/s=37		Tot Cts=11686 FePeak=23:00	MaxkeV=230 FePeak.c/s=25	#Peaks=1	dt= 7.7s	XFN=905509
89/02/25	Wavel	æ	æ	ength=1375A		Exp #=84622	Rast=240"x240" Rast=30"x30"	Step=10" Step=10"	Cad= 590s Pitch=+422"	1.024s/pixel , Yaw=-727"
S11W65  N11E56  AR5377  Mac.=EAI  Carr.Lon.=47deg  Qual=01  Qual=01  Qual=01  Qual=01  Tot Cts=362  MaxkeV=102  Qual=1  FePeak=00:00  Rast=420"x240"  Rast=420"x240"  Rast=420"x240"  Step=15"  Rast=3.85  Rast=30"x30"  Associated Event # = 22499  Qual= 4 FePeak=23:46  FePeak.c/s=14 #Peaks=1 dt= 7.75  Rast=0"x0"  Step=0" Cad=1.02s					89/02/2					
Class=SN N11E56 AR5377 Mac.=EAI Carr.Lon.=47deg ttance=C3 Qual=O1 Tot Cts=362 MaxkeV=102 kc.c/s=15 Qual= 1 FePeak=00:00 FePeak.c/s=25 #Peaks=1 dt= 3.8s ength=1375A Code=00 Exp #=84625 Rast=420"x240" Step=15" Cad= 459s ength=1375A Code=00 Exp #=84625 Rast=30"x30" Step=10" Pitch=+454" Associated Event # = 22499	DOY=56 SMM Peak End times	6	Ŧ		S11W65		Pitch=+429", Yaw	=-763", Rol		H.Ang≖64deg
is c/s=53 Qual=01 Tot Cts=362 MaxkeV=102 k.c/s=115 Qual= 1 FePeak=00:00 FePeak.c/s=25 #Peaks=1 dt= 3.8s Rast=420"x240" Step=15" Cad= 459s ength=1375A Code=00 Exp #=84625 Rast=30"x30" Step=10" Pitch=+454" Associated Event # = 22499	90:00		a.	Class=SN ortance=C3	N11E56	AR5377	Mac.=EAI	Carr.Lon.		H.Ang=59deg
ength=1375A Code=00 Exp #=84625 Rast=30"x240" Step=15" Cad= 459s 	23:59:17 23:59:57 Peak. 00:01 00:10 CaPea	CaPe	P P e	c/s=53 ik.c/s=11	Qual=01 Qual= 1	Cts=362 ak=00:00				XEN=905511
ak.c/s=22 Qual= 4 FePeak=23:46 FePeak.c/s=14 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s	1	<b>38</b> (	٠ ۾	length=1375A	Code=00	Exp #=84625	Rast=420"x240" Rast=30"x30"		Cad= 459s Pitch=+454",	1.024s/pixel ,Yaw=-780"
	6 23:56 CaPe	СаРе	яРе	ak.c/s=22	Qual= 4	FePeak=23:46	FePeak.c/s=14 Rast=0"x0"			xen=905510 1.024s/pixel

25,011:08 01:09 01:29 01	Event # = 10478	3		CMM Dointing.	C11W67		Pitch=+436", Yaw=	.Yaw=-773",Roll=	, Roll=-20deg F	H. Ang=66deg
11.15   0.1:28   0.1:29.44   PeakC/s=10.5   Qual=0.0   Cts=18679   MaxkeV=187	89/02/25,01:28 Start Ontical	DOT≡5 Peak	time	omm rolmung. HaClass≃1F	N38E48		Mac.=BXO	Carr.Lon.≕		H.Ang=63deg
# 10479  1013-56  Start Peak End times   Hancelength=1375A Code=00   Exp #=84648   Maxe=110"   Ratc==EKI   Ratc==00"   Ratc==0		01:28 01:18	01:40 01:29:4	ance=C6 .c/s=115 ength=137	Qual=01 Qual=01 Code=00	Cts=18679 #=84632	MaxkeV=187 Rast=30"x30"	Ì	Pitch=+452",	, Үам=-784"
Signit   Peak   End times   Ha(lass=SF   Si3W71   ARB368   Mac.=EKI   Carr.lon.=172deg   Haxkev=102   Oual=02   Oual=02   Oual=02   Oual=03	Event $\# = 10479$	D0Y=5		Pointing	S12W69		Pitch=-886", Yaw=	150", Roll		H.Ang=68deg
03:35 03:41 03:49 importance=23 Qual=01 FePeak=03:38 Rast=20"x30" Step=10" Pitch=-892" 03:35 03:37 03:38 03:41 02.9 Peakc/s=13 Qual=01 FePeak=03:38 Rast=20"x30" Step=10" Pitch=-892" 03:35 03:38 03:41 02.9 Peakc/s=13 Qual=05 FePeak=04:30 Rast=20"x30" Step=10" Pitch=-892" 03:35 03:38 03:41 02:28 03:41 02:28 CaPeak.c/s=41 Qual=05 FePeak=04:30 Rast=20"x30" Step=10" Pitch=-892" 04:30 04:3	Ostical	Peak		HaClass=SF	\$13W71		Mac.=EKI	Carr.Lon.=		H.Ang=70deg
# avelength=1375A Code=00 Exp #=84643 Rast=30"x30" Step=10" Pitch=-892"  # 22500  #	03:35 03:36 03:37	03:41 03:36: 03:38	03:49 03:37:0 03:41	Importance=C3 Peakc/s=124 CaPeak.c/s=93			MaxkeV=102 FePeak.c/s=24 Das+=420"x240"		dt= 3.8s Cad= 459s	XEN=905600 1.024s/pixel
22500   256   267   26	03:3			avel	Code=00	#=84643	Rast=30"x30"		Pitch=-892"	, Yaw=-168"
04:20 04:28 Importance=C4 Qual=05 FePeak=O4:30 FePeak.c/s=11 #Peaks=1 dt= 7.75	vent 9/02/	DOY=5 Peak	e e							
04:20  Wavelength=1375A Code=02 Exp #=84644 Rast=265"x265" Siep=5" Pitch=+452"  2/25,05:02 D0Y=56  Start Peak End times SHM Pointing: S12W68  Qual=00 Tot Cts=682 MaxkeV=274 Flags=I Pitch=+440" Pitch=+450" Pitch		04:20		Impo	Qual=05 Qual= 5		FePeak.c/s=11		dt= 7.7s Cad=1.02s	XEN=905601 1.024s/pixel
11739   2016				elength=137	Code=02	#=84644	Rast=265"x265"		Pitch=+452"	, Yaw=-771"
Start Peak End times 04ual=00	ent 4	95=Y00 6	L	₩.S	S12W68		Pitch=+445", Yaw	778", Roll	=-20deg	H.Ang=67deg
# = 11740 25,01:50		Реак 05:02:	EH 65	Peak		Tot Cts=682 Exp #=84648	MaxkeV=274 Rast=30"x30"	Flags=I Step=10"	Pitch=+440"	', Yaw=-794"
Start Feak Clu Cimes  0	Event # = 1174 89/02/25,07:50	= 00 V	1	SMM	S11W70		Pitch=+449", Yaw	790", Rol	]=-20deg	H.Ang=69deg
## = 10481  ## = 10481    ## = 10481   ##	07:47: 07:49	07:48 07:50	07:48 07:55	Peak. CaPeal	Qual=01 Qual=01 Qual= 1		MaxkeV=102 FePeak.c/s=13	Flags=1 #Peaks=1 <+en=15"	dt= 3.8s Cad= 459s	XEN=905602 1.024s/pixel
# = 10481 25,11:16 D0Y=56 Start Peak End times Start Peak End times  Oual=01 11:15:08 11:15:25 11:16:04 Peakc/s=48 Qual=01 11:15:08 11:15:25 11:16:04 Peakc/s=41 Qual=01 11:16 11:16 11:24 CaPeak.c/s=41 Qual=4 FePeak=11:16 FePeak.c/s=14 #Peaks=1 dt= 3.8s 11:16 11:16 11:24 CaPeak.c/s=41 Qual=4 FePeak=11:16 FePeak.c/s=14 #Peaks=1 dt= 3.8s 11:20 Fast=180"x1" Step=15" Cad= 459s 11:20 Fast=180"x1" Step=0" Pitch=+338 11:20 Fast=180"x1" Step=0" Pitch=+338 11:20 Fast=180"x1" Step=0" Pitch=+338 11:30 Fast=180"x1" Step=0" Pitch=+338				avelength=1	ď	#=84658	Rast=30"x30"	Step=10"		", Yaw=-796"
11:15:08 11:15:25 11:16:04 Peakc/s=48 Qual=01 Tot Cts=334 MaxkeV=102 11:15:08 11:15:25 11:16:04 Peakc/s=41 Qual=01 Tot Cts=334 MaxkeV=102 11:16 11:15 11:24 CaPeak.c/s=41 Qual= 4 FePeak=11:16 FePeak.c/s=14 #Peaks=1 dt= 3.8s 11:16 11:16 11:24 CaPeak.c/s=41 Qual=01 Tot Cts=334 MaxkeV=102 11:20 Mayelength=27884 Exp #=84664 Rast=180"x1" Step=0" Pitch=+338" 11:20	Event # = 1048 89/02/25,11:16	DOY=5		SMR	S11W73		Pitch=+457",Ya	v=-801", Rol	]=-20deg	H.Ang=72deg
11:20   Wavelength=2788A   Exp #=84664   Rast=180"x1"   Step=0" Pitch=+338"   Step=0" Pitch=+338"   The proof of the proof		11:15 11:16	2	Peal	Qual=01 Qual=01 Qual= 4	Tot Cts=334 FePeak=11:16	MaxkeV=102 FePeak.c/s=14 pact=420"x240"		dt= 3.8s Cad= 459s	XEN=905603 1.024s/pixel
TI:TO:OO TI:	= ;=	11:11	3:59 11:14:11	Wavelength=2788 	A Associated Qual=01		Rast=180"x1" MaxkeV=102		Pitch=+338 	", Yaw=-616"

Event # = 22501 89/02/25,14:12 Start	01 2 D0Y=56 Peak	End times	* 12						
60ES 14:12 FCS 14:12	14:12	14:13	CaPeak.c/s=19	Qual=04 Qual= 5	FePeak=14:12	FePeak.c/s=5	#Peake		V C 2 3 C C - M 2 V
JVSP 14:28			₩avelength=2788A	Æ	Exp #=84668	Rast=0"x0" Rast=180"x1"	Step=0" Step=0" Step=0"	Cad=1.02s 1 Pitch=+344",	AEN=905604 1.024s/pixel 4", Yaw=-622"
Event # = 22502 89/02/25,15:17 Start	32 7 DOY=56 Peak	End times	and the second state of th						
805 15:13	15:17	15:45	CaPeak.c/s=54	Qua]=03 Qua]= 1	FePeak=15:16	FePeak.c/s=13			XFN=QORFOR
VSP 15:04			Wavelength=2788A	⋖	Exp #=84669	Rast=420"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 459s 1 Pitch=+345",	1.024s/pixel 5", Yaw=-623"
Event # = 10482 89/02/25,16:03 Start	32 3 D0Y=56 Peak	End times	SMM Pointing:	S12W75		Pitch=+467", Yaw=-809", Roll=-20deg	w≖-809", Ro]	11=-20deg	H.Ang=74deg
GUES HXRBS 16:01:16 BCS 16:02 FCS	.6 16:01:26 16:03	5 16:01:37 16:06	Peakc/s=48 CaPeak.c/s=25	Qual=03 Qual=01 Qual= 4	Tot Cts=197 FePeak=16:02	MaxkeV=102 FePeak.c/s=9			202300-NEX
SP 16:01			₩avelength=2788A	er.	Exp #=84670	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s 1 Pitch=+346",	.", Yaw=-624"
Event # = 22503 89/02/25,16:47 Start Optical GOES	3 D0Y=56 Peak	End times	HaClass=SF	\$13478	AR5368	Mac.=EKI	Carr. Lon.	=172deg	H. Ana=77dea
S 16:45	16:47	16:51	CaPeak.c/s=63	Qual=01 Qual= 1	FePeak=16:47	FePeak.c/s=14	#Peaks=1		XFN=Q04607
SP 16:38		The second secon	Wavelength=2788A		Exp #=84671	Rast=420"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 459s 1 Pitch=+348",	1.024s/pixel ",Yaw=-625"
89/02/25,21:58 Start	3 D0Y=56 Peak	End times	SMM Pointing:	S12W78		Pitch=+477", Yaw	, Yaw=-818", Rol	, Roll=-20deg	H.Ang=77deg
77	21:58	22:03	HaClass=SF Importance=C4	\$13W80 0ual=01	AR5368	Mac.=EKI	Carr.Lon.=171deg	=171deg	H.Ang≖79deg
HXKBS 21:54:16 BCS 21:55 FCS	5 21:55:31 21:56	21:56:05 22:10	Peakc/s=270 CaPeak.c/s=134	Qual=01 Qual= 1	Tot Cts=4900 FePeak=21:56	MaxkeV=187 FePeak.c/s=37	#Peaks=1	dt= 3.8s	XFN=Q05608
SP 22:13			Wavelength=2788A		Exp #=84678	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=+357"	1.024s/pixel ",Yaw=-634"
Event # = 22504 89/02/25,23:16 Start GOES	D0Y=56 Peak	End times							
BCS 23:16 FCS 23:16	23:16	23:18	CaPeak.c/s=104	Qual=00 Qual= 1	FePeak=23:16	FePeak.c/s=6	_	dt= 7.7s	XEN=905609
SP 22:52	ĺ	-	Wavelength≖2788A		Exp #=84679	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+358",	1.024s/pixel, Yaw=-634"

L	,	CMM Dointing.	S12U78		pitch=+477", Yaw=-818", Roll=-20deg	-818", Roll	=-20deg	H.Ang=//aeg
007=56 Peak 23:31 2 23:27:55 2 23:30 2	End times 23:37 I 23:28:48 F 23:48	ortance=C4 kc/s=310 eak.c/s=186		Tot Cts=6138 FePeak=23:29	MaxkeV=187 FePeak.c/s=51 Das+=470"x240"	#Peaks=1 Sten=15"	s 9s	XEN=905610 1.024s/pixel
3:48 Frequency(MHz)/Flux(sfu)		Wavelength=2788A 4995/39 8800/50		Exp #=84680				', Yaw=-636"
			89/02/26	5 DOY=57				
/26,00:55 DOY=57	y de i	SMM Pointing:	S12W78		Pitch=+477",Yaw=	, Yaw=-818", Roll=-20deg	1=-20deg	H.Ang=77deg
reak 00:55:06	5:26	Peakc/s=51 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=668 Exp #=84682	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+362	Pitch=+362", Yaw=-637"
DOY=57	Fnd times							
12:04	07	CaPeak.c/s=20	Qual=01 Qual= 4	FePeak=12:04	FePeak.c/s=6	#Peaks=1 Sten=0"	dt= 7.7s X Cad=1.02s 1	XEN=905700 1.024s/pixel
		Wavelength=1375A		Exp #=84715	Rast=130"x130"	Step=5"	Pitch=+502	", Yaw=-827"
00V=57		SMM Pointing:	S12W86		Pitch=+497", Yaw=-828", Roll=-20deg	828", Rol	1=-20deg	H.Ang≈84deg
Peak	End times	HaClass=1N	S20E30	AR5379	Mac.=CSO	Carr.Lon.=51deg	=51deg	H.Ang≕32deg
16:58 16:54:45	17:09 16:55:44	Importance=C4 Peakc/s=44 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=337 Exp #=84727	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+384"	l", Yaw=-642"
			89/02/2/	7 D0Y=58				
t # = 10487 2/27,01:39 DOY=58		SMM Pointing:		AR5368				- • •
Peak	End times	HaClass=1N	\$22E31	AR5379	Mac. = CS0	Carr.lon.=45deg	.=45deg	H.Ang=33deg
01:33 01:39 01:49 01:34:38 01:37:05 01:39: 01:19 Frequency(MHz)/Flux(sfu	01:49 01:39:49 lux(sfu):	Importance=M2 Peakc/s=176 Wavelength=2788A 606/89 4995/27 88	Qual=01 Qual=01 Code=01 800/17 19	Qual=01 Qual=01 Tot Cts=7966 3A Code=01 Exp #=84738 8800/17 15400/54	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+384	Pitch=+384",Yaw=-642"
t # = 10488 2/27 06:39 DOY=58		SMM Pointing:	S12W84		Pitch=+505", Yaw	, Yaw=-820", Roll=-20deg	11=-20deg	H.Ang=83deg
Peak	End times		N17W64	AR5373	Mac.=EKI	Carr.Lon.=137deg	.=137deg	H.Ang=68deg
.05 06:39 :05 06:36:33	06:44 06:37:40	Importance=C2 Peakc/s=51 Wavelenqth=1375A	Qual=01 Qual=01 Code=00	Tot Cts=857 Exp #=84758	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+512"	2", Yaw=-814"

20:53 20:56	Event # = 22506 89/02/27,20:53	6 DOY=58	-							
20:53 20:56 CaPeak.c/s=20 Qual= 4 FePeak-20:52 Rast=180"x1" Step=0" Cad=1.05 Peaks 1 Cad=1.05 Peak 2 Capeak.c/s=20 Qual= 4 FePeak-20:52 Rast=180"x1" Step=0" Pitch=+169 Peak End times  22:27 22:37 CaPeak.c/s=90 Qual= 1 FePeak=22:26 FePeak.c/s=18 Peaks=1 dt= 7.7s Peak End times  22:27 22:37 CaPeak.c/s=90 Qual= 1 FePeak=22:26 FePeak.c/s=18 Peaks=1 dt= 7.7s Peak End times  22:27 22:37 CaPeak.c/s=90 Qual= 1 FePeak=22:26 FePeak.c/s=18 Peaks=1 dt= 7.7s Peak End times  22:27 22:37 CaPeak.c/s=90 Qual= 1 FePeak=22:26 FePeak.c/s=18 Peaks=1 dt= 7.7s Peak End times  22:27 22:37 CaPeak.c/s=28 Qual= 1 Tot Cts=1154 PaxteV=102 Step=0" Pitch=+4193" D0V=59 Peak End times  22:28 Wavelength=2788A Exp #=84813 Rast=180"x1" Step=0" Pitch=+143" D0V=59 Peak End times  22:29 CaPeak.c/s=26 Qual= 0 FePeak=10:54 Rast=180"x1" Step=0" Pitch=+143" D0V=59 Peak End times  22:27 22:37 CaPeak.c/s=26 Qual= 0 Peak End times  22:27 22:37 CaPeak.c/s=26 Qual= 0 Peak Rast=180"x1" Step=0" Pitch=+143" D0V=59 Peak End times  23:29 CaPeak.c/s=26 Qual= 0 Peak Rast=180"x1" Step=0" Pitch=+15q" D0V=59 Peak End times  24:26 CaPeak.c/s=26 Qual= 0 Peak Rast=180"x1" Step=0" Pitch=-105s Peak Rast=180"x1" Step	Start tical	Реак	End times	Ha.	\$22E22		000		;	
DOY-59 End times  Wavelength=2788A Exp #-84782  Rast=180"x1" Step=0" Cad=1.025  Wavelength=2788A Exp #-84784  Rast=180"x1" Step=0" Pitch++1gg:  DOY-59  DOY-59  Rast=180"x1" Step=0" Pitch++1gg:  Rast=180"x1" Step=0" Pitch+-1gg:  Rast=180"x1" Step=0" Pitch++1gg:  Rast=180"x1" Step=0" Pitch+-1gg:  Rast=180"x1" Step=0" Pit	ES 20.52	20.53			Qual=03		חמר.≖נאט	carr. Lon	.=44deg	H.Ang=26deg
Pavelength=2788A   Exp #=84782   Rast=180"x1"   Step=0" (ad=1-02s	26.02 S	50:03	96:07	caPeak.c/s=20	(ua)= 4		FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN≈905800
22:27 22:37 Capeak.c/s=90 Qual=1 FePeak=22:26 FePeak.c/s=18 #Peaks=1 dt=7.75 Wavelength=2788A End times  22:27 22:37 Capeak.c/s=90 Qual=1 FePeak=22:26 FePeak.c/s=18 #Peaks=1 dt=7.75 Wavelength=1375A B9702/28 D07=59 D07=59 Peak End times  11:00 11:03 CaPeak.c/s=26 Qual=0 FePeak=10:54 FePeak.c/s=6 #Peaks=1 dt=7.75 Wavelength=2788A Ex #84319 Rast=30"x30" Step=0" Pitch=+138" D07=59 Peak End times  13:22 15:24 Inmorance=C3 Qual=0 FePeak=15:22 FePeak.c/s=5 #Peaks=1 dt=7.75 Wavelength=2788A Ex #84319 Rast=180"x1" Step=0" Pitch=+136 D07=59  13:25 15:41 Inmorance=C3 Qual=0 FePeak=15:22 FePeak.c/s=5 #Peaks=1 dt=7.75 Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-13" D07=59 Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Ex #84819 Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Rast=280"x1" Step=0" Pitch=-3" Wavelength=2788A Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Rast=180"x1" Step=0" Pitch=-3" Wavelength=2788A Rast=28821 Rast=180"x1" Step=0" Pitch=-3"	SP 20:56			Wavelength=2788A		Exp #=84782	kast≖U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+169	1.024s/pixel
Peak End times  22:27 22:37 CaPeak.c/s=90 Qual=1 FePeak=22:26 FePeak.c/s=18 #Peaks=1 dt=7.75  Havelength=2788A Exp#=84784 Rast=180"x1" Step=0" Pitch=+4  BDV=59 Feak.c/s=53 Qual=01  BOV=59 Ferent Fines  SAH Pointing: S21E14 Peak=10:54 Rast=180"x1" Step=0" Pitch=+14  BOV=59 Feak Color Ferent FePeak=10:54 FePeak.c/s=6 #Peaks=1 dt=7.75  Havelength=2788A End times  Bov=59 Feak Color FePeak=10:54 FePeak.c/s=6 #Peaks=1 dt=7.75  Havelength=2788A Exp#=84813 Rast=180"x1" Step=0" Pitch=+14  Bov=59 Feak Color FePeak=10:54 FePeak.c/s=6 #Peaks=1 dt=7.75  Havelength=2788A Exp#=84813 Rast=180"x1" Step=0" Pitch=+14  Bov=59 Feak Color FePeak=15:22 FePeak.c/s=5 #Peaks=1 dt=7.75  Havelength=2788A Exp#=84819 Rast=180"x1" Step=0" Pitch=-3"  Bov=59 Feak Color FePeak=15:25 FePeak.c/s=5 #Peaks=1 dt=7.75  Havelength=2788A Exp#=84819 Rast=180"x1" Step=0" Pitch=-3"  Bov=59 Feak Color FePeak=15:25 FePeak.c/s=5 #Peaks=1 dt=7.75  Havelength=2788A Exp#=84819 Rast=180"x1" Step=0" Pitch=-3"  Bov=59 Feak Color FePeak=15:25 FePeak.c/s=5 #Peak.c/s=5 #Peaks=1 dt=7.75  Havelength=2788A Rast=180"x1" Step=0" Pitch=-3"  Bov=59 FeAR=1 Tot FePeak Color FePeak=15:25 FePeak.c/s=5 #Peaks=1 dt=7.75  Havelength=2788A Rast=180"x1" Step=0" Pitch=-3"  Bov=59 FeAR=1 Tot FePeak.c/s=5 #Peaks=1 dt=7.75  Havelength=2788A Rast=180"x1" Step=0" Pitch=-3"  Bov=59 FeAR=1 Tot FePeak.c/s=5 #Peaks=1 dt=7.75  Havelength=2788A Rast=180"x1" Step=0" Pitch=-3"  Bov=59 FeAR=1 Tot FePeak.c/s=6 Qual=0 FePeak=15:25 FePeak.c/s=5 #Peaks=1 dt=7.75  Havelength=2788A Rast=180"x1" Step=0" Pitch=-3"  Bov=59 FeAR=1 Tot FePeak.c/s=48 Qual=0 FePeak=15:28 FePeak.c/s=6 #Peaks=16:08 Pepeak Color FePeak.c/s=6 #Peaks=16:08 Pepeak Color FePeak.c/s=6 #Peaks=16:08 Pepeak Color FePeak.c/s=6 #Peaks=16:08 Pepeak Color FePeak.c/s=6 #Peaks=16:08 Pepeak Color FePeak.c/s=6 #Peaks=16:08 Pepeak Color FePeak  ent # = 2250, /02/27,22:27	_									
22:27 22:37 CaPeak.c/s=90 Qual=103  Havelength=2788A Exp #=84784 Rast=180"x1" Step=15" Cad= 499  DOY=59 Rast=4784 Rast=180"x1" Step=0" Pitch=+44  B9/02/28 DOY=59  O4:14:05 O4:15:36 Peak.c/s=25 Qual=01  DOY=59  Exp #=84784 Rast=180"x1" Step=0" Pitch=+44  B9/02/28 DOY=59  O4:14:05 O4:15:36 Peak.c/s=26 Qual=01  DOY=59  Exp #=84784 Rast=180"x1" Step=0" Pitch=+144  Peak End times  Havelength=2788A Exp #=84813 Rast=180"x1" Step=0" Pitch=+144  DOY=59  Exp #=84813 Rast=180"x1" Step=0" Pitch=+144  Boy = 20 Car.Lon.=44deg  DOY=59  Exp #=84813 Rast=180"x1" Step=0" Pitch=+144  Boy = 20 Car.Lon.=44deg  DOY=59  Exp #=84819 Rast=180"x1" Step=0" Pitch=+144  Boy = 20 Car.Lon.=119deg  DOY=59  Exp #=84819 Rast=180"x1" Step=0" Pitch=-3"  Boy = 20 Car.Lon.=119deg  Boy = 20 Car.Lon.=	Start		End times							
Mavelength=2788A         Exp #=84784         Rast=430"x1" Step=15" Cad= 459           D0V=59 Peak         SMM Pointing: S21E14         Pitch=+138", Yaw=+284", Roll=-20deg           04:14:05 O4:15:36 Peakc/s=53 Wavelength=1375A         Qual=01 Tot Cts=1154 Paxkev=102         Pitch=+138", Yaw=+284", Roll=-20deg           D0Y=59 Peak         Gapeakc/s=53 Qual=01 Tot Cts=1154 Paxkev=102         Pitch=+138", Yaw=+284", Roll=-20deg           D0Y=59 Peak         Gapeakc/s=26 Qual=01 Tot Cts=1154 Paxkev=102         Pitch=+138", Yaw=+284", Roll=-20deg           D0Y=59 Peak         Gapeakc/s=26 Qual=01 Tot Cts=1154 Paxkev=102         Pitch=+14           D0Y=59 Peak         Fartal Maxel-0154 Paxkev=1054 Paxkev=105         Pitch=-1054 Paxkev=105           D0Y=59 Peak         Fartal Maxel-0154 Paxkev=1054 Paxkev=106         Fepeakc/s=6 Qual=01 Paxkev=105           D0Y=59 Peak         Fartal Maxel-016         Fepeakc/s=5 Qual=01 Paxkev=105           D0Y=59 Peak         Fartal Maxel-016         Fepeakc/s=5 Qual=01 Paxkev=105           D0Y=59 Peak         Fartal Maxel-016         Fepeakc/s=5 Qual=01 Paxkev=105           B0Y=59 Peak         Fartal Maxel-016         Fepeakc/s=5 Qual=01           B0Y=59 Peak         Fartal Maxel-016         Fepeakc/s=5 Qual=01           B0X=50 Peak         Fartal Maxel-016         Fepeakc/s=5 Qual=01           B0X=50 Peak         Fartal M		22:27	22:37	CaPeak.c/s=90	Qual=03 Qual= 1	FePeak=22:26	FePeak.c/s=18		d+= 7 7c	VEN-005001
DOY=59 End times  Mavelength=1375A  Gual=01  11:00  11:03  CaPeak.c/s=26  Mavelength=2788A  End times  Mavelength=2788A  End times  Mavelength=2788A  End times  Mavelength=2788A  Exp #=84819  DOY=59  Peak  End times  Mavelength=2788A  DOY=59  Pritch=+138", Yaw=+284", Roll=-20deg  Pritch=+143  Peak  Pritch=+138", Yaw=+284", Roll=-20deg  Pritch=+138", Yaw=+284", Roll=-20deg  Pritch=+143  Pr				Wavelength=2788A		Exp #=84784	Rast=420"x240" Rast=180"x1"		Cad= 459 Pitch=+4	1.024s/pixel Yaw=+512"
DOY=59  DOY=69  DOY=69  DOY=69  DOY=69  DOY=69  DOY=69  Each times  DOY=69  Each times  DOY=69  Each times  DOY=69  Each times  End times  DOY=69  Each times  End times  DOY=69  Each times  Each times  DOY=69  Each times  DOY=69  Each times  DOY=69  Each times  Each times  DOY=69  Each times  Each times  DOY=69  Each times  Each	ŀ				89/02/2					
04:14:05 04:15:36	*∞		End times		S21E14		Pitch=+138", Ya	w=+284", Rol	1=-20deg	H.Ang=19deg
DOY=59 Peak End times    11:03   CaPeak.c/s=26   Qual= 0   FePeak=10:54   FePeak.c/s=6   #Peaks=1   dt= 7.7s		3 04:14:05		c/s=53 length=1375A	Qua}≖01 Qual≖01	Tot Cts=1154 Exp #=84793	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=+143	", Yaw=+300"
11:00 11:03	#2/ /2	1	End times							
DOY=59 Peak End times HaClass=SF S20E11 DOY=59 Eat times HaClass=SF S20E11 DOY=59 End times HaClass=SF S20E11 AR5379 Ac.=DKO Carr.Lon.=44deg Rast=0".X0" Step=0" Cad=1.02s Pitch=+154 Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=0".X0" Step=0" Pitch=+154 Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=+3".y Wavelength=2788A Exp #=84819 Rast=180"x1" Step=0" Pitch=+3".y Wavelength=2788A Exp #=84821 Rast=180"x1" Step=0" Pitch=+3".y		11:00	11:03		Qua]=00 Qual= 1	FePeak=10:54	FePeak.c/s=6	_	dt= 7.7s	XFN=905900
DOY=59 Peak End times HaClass=SF S20E11 AR5379 Mac.=DK0 Carr.Lon.=44deg 15:22 15:28 CaPeak.c/s=26 Qual= 6 FePeak=15:22 Rast=0"x0" Step=0" Cad=1.02s Mavelength=2788A Exp #=84819 Rast=180"x1" Step=0" Pitch=-3",  DOY=59 Feak End times HaClass=SF N14W64 AR5378 Mac.=DS0 Carr.Lon.=119deg 16:47:37 16:49:49 Peakc/s=43 Qual=01 Tot Cts=432 MaxkeV=102 HaClass=SF N14W64 AR5378 Mac.=DS0 Carr.Lon.=119deg 16:47:37 16:49:49 Peakc/s=43 Qual=01 Tot Cts=432 Rast=180"x1" Step=0" Pitch=-3".	0 10:56		ĺ	Wavelength=2788A		Exp #=84813	Rast=0"x0" Rast=180"x1"	ı	Cad=1.02s Pitch=+154	1.024s/pixel ', Yaw=+229"
15:25 15:24 Importance=C3	nt # = 22509 2/28,15:25   Start									
15:22 15:28	ca     15:18	15:25			S20E11 0ual=03	AR5379	Mac.=DKO	Carr.Lon.	=44deg	H.Ang=17deg
Mavelength=2788A Exp #=84819 Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Step=0" D0Y=59 Rast=180"x1" Step=0" Pitch=-3", Sep=0" Pitch=-3", Se	15:20	15:22			Qual= 6	FePeak=15:22	FePeak.c/s=5			XEN=905901
D0Y=59       SMM Pointing:       S07W00       Pitch=-2", Yaw=+0", Roll=-20deg         Peak       End times       HaClass=SF       N14W64       AR5378       Mac.=DS0       Carr.Lon.=119deg         16:54       17:02       Importance=C3       Qual=01       Tot Cts=432       Maxkev=102         16:47:37       16:49:49       PeakC/S=43       Qual=01       Tot Cts=432       Maxkev=180         16:47:37       16:49:49       Wavelength=2788A       Exp #=84821       Rast=180"x1"       Step=0"       Pitch=-3", Y	15:35					Exp #=84819	Rast=0"x0" Rast=180"x1"			1.024s/pixel aw=+1"
HaClass=SF N14W64 AR5378 Mac.=DSO Carr.Lon.=119deg   16:54   17:02   Importance=C3 Qual=01	it # = 10490 2/28,16:54 Start	D0Y=59 Peak	i	Pointing:	S07W00		Pitch=-2", Yaw=+	0", Roll=-20	)deg	H.Ang=Odeg
16:47:08 16:47:37 16:49:49 Peakc/s=43 Qual=01 Tot Cts=432 MaxkeV=102 [7:09 Exp #=84821 Rast=180"x1" Step=0" Pitch=-3", Y	16:46	16:54	17:02	HaClass=SF Lamortance=C3	N14W64	AR5378	Mac.=050	Carr.Lon.=	·119deg	H.Ang=67deg
	16:47:08 17:09	16:47:37	16:49:49	peakc/s=43 (avelength=2788A		Tot Cts=432 Exp #=84821	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-3".Y	aw=+1"

aClass=SF mportance=C5 eakc/s=65 avelength=2788A mportance=M2 lawelength=2788A layelength=2788A layelength=2788A layelength=2788A layelength=2788A layelength=2788A layelength=2788A layelength=2788A layelength=2788A wavelength=2788A	١.		CMM Pointing:	S07W00		Pitch=-2", Yaw=+	,Yaw=+0",Roll=-20deg	H.Ang=0deg	
17:13   17:13	8,1/:11 Start	End time	HaClass=SF			fac.=DSO	Carr.Lon.=118de		_
DOY-59 End times  18.124 19.09 18.134 19.09 18.14 21.47 19.09 18.24 21.47 19.09 19.09 19.09 19.09 19.09 19.09 19.09 19.09 19.00 19.09 19.00 19.09 19.00 19.09 19.0	17:07 17:09:09 17:09	17:13 17:10:2	Importance=C5 Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01 Code=00	Cts=809 #=84821			=-3", Yaw=+1"	
18.24   19.09	00 V = 5			S07W00		Pitch=-2",Yaw=+	.0", Roll=-20deg	H.Ang=Odeg	
18:10   18:24   19:09   19:0	Peak	End time	Ha	N18W73		Mac.=EKI	Carr.Lon.=127de		m
= 10493 \$\frac{1}{2}\$1.44		19:09 :50 18:34:39 )/Flux(sfu):	Importance=M2 Peakc/s=243 Wavelength=2788A 2695/89 4995/160	Qual=03 Qual=01 15400/200	Cts=39714 #=84823	MaxkeV=274 Rast=180"x1"		n=-3", Yaw=+1"	
\$\frac{11:38}{13:39:26}\$\frac{21:44}{21:47}\$\frac{21:47}{148:27}\$\frac{11:48}{148:27}\$\frac{21:47}{148:27}\$\frac{11:48}{148:27}\$\frac{21:47}{148:27}\$\frac{11:49}{149:26}\$\frac{21:47}{149:27}\$\frac{11:49}{140:200}\$\frac{11:40}{140:200}\$1	1	6	۵	S21E05		Pitch=+185", Ya	v=+147",Roll≖-200		5
21:38 21:44 21:47 21:47 21:48 21:49. 21:48 21:49. 21:48. 21:49. 2	start		Ha:	N38E05	AR5380	Mac.=8X0	Carr.Lon.=47de	_	g
# = 10494 28,23:23 28,23:35 28	21:38 21:44 21:39:26 21:42 21:48 Frequency (MHz	21:47 ::27 21:47:15 :)/Flux(sfu):	Importance=C4 Peakc/s=281 Wavelength=2788A 410/200	Qual=03 Qual=01 Code=02		MaxkeV=320 Rast=180"x1"		h=+67", Yaw=+325"	
Start   Peak   End times   HaClass=SF   N14467   AR5378   Mac.=DSO   Carr.Lon.=118deg     23:21   23:23   1	70	0	Pointing	S21E04		Pitch=+190",Ya	w=+134", Roll=-20		Ď
23:22:31 23:27 Importance=C6 Qual=03 Tot Cts=1872 Maxkev=102	Pea	End	Ha.	N14W67	AR5378	Mac.=DS0	Carr.Lon.=118d		Đ,
DOY=60  Peak End times  Qual=02  Qual=03  Qual=02  Associated Event # = 10495  MaxkeV=102  MaxkeV=104  MaxkeV=144  MaxkeV=144	23:21 23:21:45 23:23	23:27 :31 23:23:1	(		Cts=1872 #=84829	MaxkeV=102 Rast=180"x1"		h=+71", Yaw=+313"	
DOY=60 Peak  End times  Qual=02 Qual=03 Qual=03 Qual=01 Exp #=84854 Rast=30"x0" Step=0" Pitch=+80" Step=0" Pitch=+80" Step=0" Step=0" Step=0" Pitch=+80" Step=0" Pitch=+17", Yaw=+58", Roll=-20deg Qual=01 Fxp #=84854 Rast=30"x30" Step=10" Pitch=+198 Rast=30"x30" Step=10" Pitch=+198 Rast=30"x30" Step=10" Pitch=+198 Rast=30"x20" Oual=01 Fxp #=84854 Rast=30"x20" Fxp #=84854 Rast=30"x20" Fxp #=84854 Rast=30"x30" Fxp #=84854 Rast=30"x20" Fxp #=84854 Rast=30"x20" Fxp #=84854 Fxp #=84854 Rast=30"x20" Fxp #=84854 Fxp #=84854 Rast=30"x20" Fxp #=84854				89/03/01			a de la company		
DOY=60  Peak End times Qual=02  Qual=02  Qual=02  Qual=02  Qual=01  Qual=02  Qual=01  Pitch=+17", Yaw=+58", Roll=-20deg  AaxkeV=107  Step=10"  Pitch=+198"  Step=10"  Pitch=+198"  O8:46:33 08:46:36 Peakc/s=60  Qual=01  Tot Cts=66  MaxkeV=144	# = 22510 (01,02:34 Start 02:13	End 02:	CaPe		FePeak=02:34 Exp #=84833	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"		7.7s XEN=90600 1.02s 1.024s/pi .h=+80", Yaw=+288"	xe J
Peak End times Qual=02 Qual=02 MaxkeV=102 Step=10" Pitch=+198" 08:47:29 08:47:43 Peakc/s=72 Qual=01 Tot Cts=284 MaxkeV=102 Step=10" Pitch=+198" Wavelength=1375A Exp #=84854 Rast=30"x30" Step=10" Pitch=+198"		1	SMM	\$21W01		Pitch=+217", Ya	aw=+58",Roll=-20c		бә
08:46:29 08:46:33 08:46:36 Peakc/s=60 Qual=01 lot Lts=80		End t 29 08:47	Peakc/s=72 Wavelength=1375	Qual=02 Qual=01 A Associated	Tot Cts= Exp #=84 Event #	-	•	ch=+198", Yaw=+70	
	08:46:29	6:33 08:46:36	Peakc/s=60	Qual=01	lot Cts=66	Maxkev=144			

### 100.18   1	7 +40	1000									
10:18-13 10:19:37 10:20:05   Pack-1:CF=43   Qual=03   Dot 18:13 10:19:37 10:20:05   Pack-1:CF=43   Qual=01   Dot 18:13 10:19:37 10:20:05   Pack-1:CF=43   Qual=01   Dot 18:13   Dot 18:1	Event # = 89/03/01,1 Sta			SMR	Pointing:	S21W02		Pitch=+221",Y	aw=+46".Ro]	]=-20ded	H Ang=13dex
10,000   1,0	GOES 10: HXRBS 10: UVSP 10:		<u></u>		ortance=Ml c/s=43 length=2788A	Qual=03 Qual=01 Code=00	Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+10	
12.1.7 21.21 21.25	Event # = 89/03/01,2. Star	i		SHR	Pointing:	N15W73		Pitch=+41", Ya	W=-939" Rol	]=_20den	H Ang=76dex
## Peak	optical Soft	17 21:21		Λ	.Class=SF rtance=C5	N12W83 Oual=02	-		Carr.Lon	.=122deg	H.Ang=85deg
Start   Peak   End times   SHM Pointing   N15W76   Pitch=+50", Yaw=-949", Roll=-20deg   Start   Peak   End times   Importance=16   Qual=01   Tot Cts=46   Pitch=+50", Yaw=-949", Roll=-20deg   S2:25	1VSP 21:(	01:00 21:0	21:01	<b>ω</b>	c/s=53 length=2788A	Qual=01 Code=01	Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+18;	2", Yaw=-761"
22:23 45 22:28 22:27:39	vent # = . 9/03/01,22 Star	10499 2:28 DOY=6 _t Peak	End ti	es Se	Pointing:			Pitch=+50", Yaw	v=-949", Ro∃	]=-20deg	H.Ang=78deg
# = 10500 /02,00:05 DOY=61 Start Peak End times  23:55 00:05 DOY=61 Start Peak End times  23:55 00:05 00:09 Importance=C6 00:01	UES 22:2 XRBS 22:2 VSP 22:4	24 22:28 25:46 22:26 13	22:32 9 22:27	6	rtance=C4 c/s=40 length=2788A	Qual=01 Qual=01	Tot Cts=469 Exp #=84874	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+186	5", Yaw=-764"
Start   Peak   End times   Start   Peak   End times   Start   Peak   End times   Start   Peak   End times   Start   Peak   End times   Start   Peak   Start   Start   Peak   Start   Start   Peak   Start   Peak   Start   Peak   Start   Start   Peak   Start   Start   Peak   Start   Start   Peak   Start   Peak   Start   Start   Peak   Start   Start   Peak   Start   Peak   Start   Peak   Start   Start   Peak   Start   Peak   Start   Start   Peak   Start   Start   Peak   Start   Peak   Start   Start   Peak   Start   Peak   Start   Start   Peak   Start   Peak   Start   Peak   Start   Peak   Start   Start   Peak   Start   Peak   Start   Start   Start   Peak   Start   Start   Peak   Start   Start   Start   Peak   Start	# +00	0500				89/03/0					
23:55 40 00:05 00:09 Importance=C6 Qual=O3	)/03/02,00 Star	DOY=6 Peak	End	SE	ointing:	N15W76		Pitch=+50", Yaw	/=-949", Rol	]=-20deg	H.Ang=78deg
# = 22511   Wavelength=1375A Code=00	ard .	5	60:00	로 트		N12W88 Qual=03	AR5378	Mac.=DSO	Carr.Lon.	,=126deg	H.Ang=90deg
# = 22511 /02,03:48	SP 00:0	>	00:03	Pea Wav	5A	Qual=01 Code=00	Tot Cts=8137 Exp #=84880	MaxkeV=231 Rast=30"x30"	Step=10"	Pitch=+118	3", Yaw=-965"
04:11	ent # = 2 /03/02,03 Star ES 03:3 S 02:38	1 DOY=6 Peak 03:48 03:28	End ti 04:11 03:30	1		Qual=02 Qual= 3	FePeak=03:28	Foboak C/c+21	# C C C C C C C C C C C C C C C C C C C		
# = 22512 02,04:29 D0Y=61 Start Peak End times 04:29 04:29 05:04 CaPeak.c/s=351 Qual= 5 FePeak=04:29 FePeak.c/s=62 #Peaks=1 dt= 7.7s 04:29 04:29 05:04 CaPeak.c/s=351 Qual= 5 FePeak=04:29 FePeak.c/s=62 #Peaks=1 dt= 7.7s 04:12 Wavelength=2788A Exp #=84898 Rast=243"x243" Step=3" Pitch=+68"		1 s quency(MHz)	e/Intensity )/Flux(sfu)		ength=2788A 60	•	Exp #=84897	Rast=0"x0" Rast=15"x15"	Step=0" Step=3"	ut= /./s Cad=1.02s Pitch=+68"	
04:29  04:29  05:04	ent # = 22 /03/02,04 Start	2512 :29 DOY=61 t Peak	1 End time	Sa							
04:12 Rast=0"x0" Step=0" Cad=3840s Exp #=84898 Rast=243"x243" Step=3" Pitch=+68"	04:2	9 04:2	05:04	a)		Qual=00 Qual≃ 5	FePeak=04:29	Febeak.c/s=62			1000 N
	9	<b>.</b> .		Wavele			Exp #=84898	Rast=0"x0" Rast=243"x243"			<pre>AEN=906101 3840s/pixel ,Yaw=-943"</pre>

Event # = 10501 89/03/02,06:19	D0Y=61		SMM Pointing:	N57W00		Pitch=-875", Yaw=+0", Roll=Odeg	:+0", Roll=0		H.Ang=64deg
Start Peak End times GOES 06:12 06:19 06:28 I HXRBS 06:13:37 06:14:40 06:20:26 P UVSP 05:58 Type/Intensity: I Radio Frequency(MHZ)/Flux(sfu): 1	Peak 06:19 7 06:14:40 Type/In 1cy (MHz)/F1	End times 06:28 06:20:26 tensity: ux(sfu):	mportance=M1 eakc/s=661 avelength=2788A II/1 415/75 2695/15	Qual=03 Qual=01 Code=00 995/36 88	Tot Cts=25725 Exp #=84899 8800/30	MaxkeV=231 Rast=243"x21"	Flags=M5 Step=3"	Рitch=-868",Үаw=+13"	, Y аw=+13"
Event # = 10502 89/03/02,08:01	2 D0Y=61		SMM Pointing:	N34W00		Pitch=-634", Yaw=+2"	=+2", Roll=Odeg		H.Ang=41deg
Start GOES HXRBS 08:00:58 UVSP 07:33	Peak 8 08:01:23	End times 08:01:53	eakc/s=46 lavelength=2788A	Qual=00 Qual=01	Tot Cts=532 Exp #=84900	MaxkeV=144 Rast=243"x21"	Step=3"	Pitch=-628",	, Yaw=+13"
Event # = 10503 89/03/02.08:58	3 D0Y=61		SMM Pointing:	N17W00		Pitch=-397", Yaw	, Yaw=+0", Roll=0deg		H.Ang=24deg
Start	Peak	шes	HaClass=1N	N18W07	AR5383	Mac.=DAO	Carr.Lon.=40deg		H.Ang=26deg
GOES 08:00 HXRBS 09:10:07 BCS 09:27	08:58 09:10:42 09:27	09:26 09:11:40 09:35	Importance=M2 Peakc/s=85 CaPeak.c/s=19	Qual=05 Qual=01 Qual= 6	Tot Cts=1960 FePeak=09:27	MaxkeV=144 FePeak.c/s=6 Dast=0"x0"		dt= 7.7s X Cad=1.02s 1	XEN=906102 1.024s/pixel
FCS UVSP 09:08 Radio Sweeps	Type/Intensi	ntensity:	Wavelength=2788A III/1		Exp #=84901	Rast=243"x21"		Pitch=-388"	, Yaw=+13"
Event # = 22513 89/03/02,15:04 Start	3 00Y=61 Peak	End times							
GOES 352 5 BCS 15:04		15:58	CaPeak.c/s=26	Qua]=04 Qua]= 5	FePeak=15:04	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=906103 1.024s/pixel
UVSP 15:03			Wavelength=1375A		Exp #=84907	Rast=265"x265"	Step=5"		TCKMD1
Event # = 1050 89/03/02,18:47	)4 7 D0Y=61		SMM Pointing:	N14W84		Pitch=+86",Yaw=-964",Roll=-20deg	964",Roll	=-20deg	H.Ang=86deg
Start GOES 18:30 HXRBS 18:37:34 BCS 18:32	Peak 18:47 34 18:39:43 18:49	End times 19:04 18:41:54 19:04	Importance=C9 Peakc/s=53 CaPeak.c/s=403	Qual=03 Qual=01 Qual= 1	Tot Cts=2560 FePeak=18:49	MaxkeV=102 FePeak.c/s=43		dt=11.3s Cad=1.02s	XEN=906104 1.024s/pixel
FCS UVSP 18:47			Wavelength=1375A	A Code=02	Exp #=84925	Rast=265"x265"	Step=5"		, Yaw=-951"
Event # = 2251 <sup>2</sup> 89/03/02,22:51 Start	14 1 DOY=61 Peak	End times		0-1-0-0					
GOES BCS 22:50	22:51	22:56	CaPeak.c/s=41	Qual=04	FePeak=22:51	FePeak.c/s=16 Rast=0"x0"	#Peaks=1 Step=0"		xEN=906105 1.024s/pixel
FCS UVSP 22:50			Wavelength=1375A	ď	Exp #=84942	Rast=265"x265"			

Start Ontical	Peak	End times							
5 00:04	00:13	00:35	HaClass=SF Importance=C3	N21E31 Oual=05	AR5385	Mac.=DAO	Carr. Lon. =353deg	.=353deg	H.Ang=42deg
HXRBS 00:22:10 BCS 00:21 FCS	0 00:22:45 00:42	00:23:25 00:55	Peakc/s=66 CaPeak.c/s=78	Qual=01 Qual= 1	Tot Cts=733 FePeak=00:41	MaxkeV=187 FePeak.c/s=16			XFN=Q06200
UVSP 00:15			Wavelength=2788A	Code=02	Exp #=84949	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=+221	1.024s/pixel ",Yaw=-779"
Event # = 22515 89/03/03,00:42 Start Start	5 D0Y=62 Peak	End times							
BCS 00:39 FCS 01:09	00:42 00:47	00:48	CaPeak.c/s=76 Peak3c/s=12 Wavelength=2788A	Qual=01 Qual≈ 1	FePeak=00:41 Exp #=84950	FePeak.c/s=16 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+221"	XEN=906203 1.024s/pixel ", Yaw=-779"
Event # = 10506 89/03/03,07:16 Start Gnes	) D0Y=62 Peak	End times						2	
HXRBS 07:02:26 BCS 07:03	07:07:34 07:16	07:22:30 07:31	Peakc/s=233 CaPeak.c/s=1005	Qual=06 Qual=01 Qual= 1	Tot Cts=39560 FePeak=07:11	MaxkeV=187 FePeak.c/s=331		dt= 7 7c	XEN-006201
07:07			Wavelength=1375A		Exp #=84963	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s Pitch=-15"	1.024s/pixel y aw=-973"
Event # = 10507 89/03/03,08:24 Start	D0Y=62 Peak	End times	SMM Pointing:	N18W24		Pitch=-254", Yaw	, Yaw=-491", Rol	, Roll=-20deg	H.Ang=35deg
Optical GOES				N17W90 Oual=00			Carr.Lon.	=110deg	H.Ang=92deg
08:24:1 08:12	08:24:34	08:56:20	Peakc/s=65 Wavelength=1375A	Qual=02	Tot Cts=20992 Exp #=84968	MaxkeV=144 Rast=10"x10"	Flags=SA Step=0"	Pitch=-227"	', Yaw=-502"
Event # = 22516 89/03/03,18:12 Start Optical GOES 17:55	DOY=62 Peak 18:12	d times	HaClass=SF	N12W39	AR5377	Mac.=CA0	Carr. Lon.	.=53deg	H.Ang≈43deq
18:01	18:08	18:19	ak.c/s=36	(ual= 1	FePeak=18:05	FePeak.c/s=18		dt= 7.7s	XEN=906202
18:16		-	Wavelength=2788A	Code=02	Exp #=84988	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-86",	1.024s/pixel Yaw=-375"
Event # = 10508				89/03/04	D0Y=63				
	DOY=63 Peak	End times	Pointing:	N18W35		Pitch=-527",Yaw	, Yaw=+392", Roll	,Roll=90deg	H.Ang=43deg
Optical GOES 04:52	05:01		Class=1B tance=C6	S22E33 Oual=01	AR5388	Mac.=AXX	Carr.Lon.=335deg	335deg	H.Ang≖35deg
<b>⊃</b> ○ ₃	4:54:44 04:55:31 04:57:2 4:26 eeps	œ	c/s=100 length=1375A	Qual=01 Code=00	Tot Cts=3728 Exp #=85002	MaxkeV=144 Rast=70"x70"	Step=5"	Pitch=-520", Yaw=+404	, Yaw=+404"

ent # = 1050	09 00 00 = 63		SMM Pointing:	N18W42		Pitch=-148", Yaw=-712", Roll=-20deg	712",Roll	20deg	H.Ang=49deg
89/03/04,10:30 Start GOES HXRBS 18:49:59 UVSP 19:11	Peak 59 18:50:14	End times 18:51:09	kc/s=42 elength=2788A	Qual=01 Qual=01	Tot Cts=321 Exp #=85026	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-10",	, Yaw=-535"
Event # = 105 89/03/04 22:1	10 6 D0Y=63		SMM Pointing:	N18W44		Pitch=-137", Yaw	, Yaw=-735", Roll	, Roll=-20deg	H.Ang=50deg
GOES 22:10 HXRBS 22:10:51 HVSP 22:16:51	Peak 22:16 22:11:2	End times 22:22 4 22:14:08	Importance=C3 Peakc/s=94 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=1903 Exp #=85030	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-1",	, Үаw=-553"
				89/03/02	D0Y=64				
Event # = 105	=-		SMM Pointing:	N18W46		Pitch=-126",Yaw	,Yaw=-755",Roll	, Roll=-20deg	H.Ang=52deg
Start	Peak	End times	HaClass=SB	S18W49	AR5379	Mac.=BX0	Carr.Lon.=46deg	:46deg	H.Ang=49deg
01:24 01:25 01:24 weeps	29 01	:31 01:51 :26:44 01:27:54 Type/Intensity:	Importance=C3 Peakc/s=47 Wavelength=2788A III/3	Qual=03 Qual=01 Code=00	Tot Cts=947 Exp #=85034	MaxkeV∷102 Rast=150"x1"	Step=0"	Pitch=+8",Yaw=-570"	Yaw=-570"
vent # = 10	518 22 D0Y=64		SMM Pointing:	N18W46		Pitch=-126",Ya	,Yaw=-755",Roll	, Roll=-20deg	H.Ang=52deg
Start GOES 02:15 HXRBS 02:14:24 UVSP 02:03 Radio Sweeps	88 <b>6</b>	End times 02:34 4 02:26:21 Intensity:	Importance=M1 Peakc/s=262 Wavelength=2788A III/2	Qual=01 Qual=01 Code=01	Tot Cts=23313 Exp #=85035	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+10	Pitch=+10",Yaw=-574"
Event # = 10512 89/03/05,03:52	512 52 D0Y=64		SMM Pointing:	N18W48		Pitch=-120", Ya	, Yaw=-767", Roll=-20deg	]=-20deg	H.Ang=53deg
OES XRB VSP	Pea 03:	End times 57 03:53:16	Peakc/s=63 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=428 Exp #=85040	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-160"	0", Yaw=-752"
Event # = 10 89/03/05,09:	)516 23 DOY=64	1	SMM Pointing:	N18W50		Pitch=-109", Ya	, Yaw=-788", Rol	,Roll=-20deg	H.Ang=55deg
Start 60ES 09:10 (HXRBS 09:09:56 (UVSP 09:07 PXRI) 62:07 PXRI 62:0	Feak End 09:23 09:3 9:56 09:12:14 09:1 7 Type/Intens	9:3 9:3 ful	es Importance=C8 q 4 Peakc/s=114 q Wavelength=1375A C 1 V/2 : 2695/36 4995/85 88	ual=02 ual=13 ode=01 800/89	Tot Cts=9036 Exp #=85073 15400/43	MaxkeV=102 Rast=10"x10"	Flags=EN, Step=0"	,DG Pitch=-66	Flags=EN,DG Step=0" Pitch=-66",Yaw=-809"
Event # = 10		`	SMM Pointing:	N18W51		Pitch=-102", Y	, Yaw=-799", Ro	, Roll=-20deg	H.Ang=56deg
ES 10 RBS 10 SP 10 dio F	Peak 10:44 19:10:41 ency (MHz	a ∨	s Importance=C7 Peakc/s=99 Wavelength=2788A 15400/50	Qual=03 Qual=01 A Code=02	Tot Cts=7241 Exp #=85075	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+34	Pitch=+34",Yaw=-618"

	ng=	, Yaw=-15"	H. Ang=31dea	.34"		.A⊓g=3.1deg aw=-46"		.Ang≈32deg	w=-51"	.Ang=32dea	H.Ang=72deg	/=-58"	.Ang=32deg	H.Ang=93deg H.Ang=93deg	63"
· · >	3	Pitch=-327",Y	Roll=-20deg H.,	320"	20den u			=-20deg H.A	Pitch=-314", Yaw=.	20deg H	<b>=</b>	Pitch=-311",Yaw=.	=		Pitch=-309",Yaw≃-63
43" Step=3"		Step=0"	, Yaw=-213", Roll	Step=0"	G	I = (		, Yaw=-237", Roll=	Flags=SG Step=O" F	, Yaw=-237", Roll=-	Carr.Lon.=2	Step=0" p	aw=-249", Roll=-20deg	Carr.Lon.=257deg Carr.Lon.=257deg	Step=0" Pi
MaxkeV=102 Rast=243"x2	Pitch=-461",	MaxkeV=102 Rast=180"x1"	Pitch=-457",	MaxkeV=144 Rast=180"x1"	Pitch=-452".	144 10"x1"		Pitch=-448",Υ	MaxkeV=144 Rast=180"xl"	Pitch=-448",Y		MaxkeV=144 Rast=180"x1"	Pitch=-443", Ya		MaxkeV=102 Rast=180"x1"
Event # = 10513 Tot Cts=230 Exp #=85074		Tot Cts=340 Exp #=85080		Tot Cts=183 Exp #=85083		Tot Cts=9510 Exp #=85085			Tot Cts=12762 Exp #=85086			Cts=18463 #=85087		AR5395	Cts=1792 #=85088
ssociated Qual=01	N24W02	Qual≖00 Qual=01	N24W03	Qual=00 Qual=01 15400/77	N24W04	Qual=03 Qual=01 Code=00		N24W05	Qual=01 Qual=02 Code=00	N24W05	533E73 ?ua]=01	Qual=01 Tot Exp	N24W05	N26E90 N28E90 Qual=04	Qual=01 Tot Code=00 Exp
	SMM Pointing:	Peakc/s=48 Wavelength=2788A 15400/1	SMM Pointing:	Peakc/s=52 Wavelength=2788A 245/2100 410/360	SMM Pointing:	Importance=C4 Peakc/s=96 Wavelength=2788 III/1 245/92 4995/59	- 1	SMM Pointing:	Importance=C8 Peakc/s=260 Wavelength=2788A 245/120 410/700	SMM Pointing:	HaClass=SF Importance=C8	FeakC/s=207 ( Wavelength=2788A V/2	Pointing:	HaClass=SN Code=BSL Importance=C6	Peakc/s=99 Wavelength=2788A ( V/3
2 10:33:29 10:33:42	DOY=64 End times	4:41:09 14:41:33 14:41:45 4:30 Frequency(MHz)/Flux(sfu):	DOY=64 End times	16:31:03 16:31:13 16:31:23 16:57 Frequency(MHz)/Flux(sfu):		<u> </u>		times	19:15:03 19:18:53 19:23:11 19:09 Frequency(MHz)/Flux(sfu):	DOY=64 Peak End times	19:53 20:04	7.31:03 19:39:01 Type/Intensity:	DOY=64 End times	20:50 20:53	
HXRBS 10:32:42 UVSP 09:59	Event # = 10515 89/03/05,14:41 Start	MXRBS 14:41:09 UVSP 14:30 Radio Frequen	Event # = 10517 89/03/05,16:31 Start		Event # = 11092 89/03/05,18:36 Start	GOES 18:28 HXRBS 18:25:44 UVSP 18:30 Radio Sweeps Radio Frequenc	Event # = 10519		HXRBS 19:15:03 UVSP 19:09 Radio Frequency	f = 10520 )5,19:53 Start		•	= 10521 5,20:50 Start	Optical Optical GOES 20:43 2	WSP 20:43 ladio Sweeps

HXRBS 20:53:36 20:54:05 20:54:30	Peakc/s=52 (	Associated E Qual=01 T	Event # = 10522 Tot Cts=499	MaxkeV=102	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	SMM Pointing:	N24W05		Pitch=-443", Yaw=-249"	.49", Roll=-20deg	H.Ang≕32deg
Pea 9 20:	Peakc/s=39 Wavelength=2788A	Qual=00 Qual=01 T	Tot Cts=110 Exp #=85088	MaxkeV=102 Rast=180"x1" St	Step=0" Pitch=-309"	", Үам=-63"
	SMM Pointing:	N24W05		Pitch=-443", Yaw=-249"	249", Roll=-20deg	H.Ang=32deg
Start Peak	s HaClass=SN	NZ6E90	AR5395	Ÿ	Carr.Lon.=256deg	H.Ang≖93deg
GOES 21:01 21:05 21:07 HXRBS 21:01:48 21:03:23 21:04:35 UVSP 20:43	Importance=C5 Peakc/s=144 Wavelength=2788A	Qual=01 Qual=01 T Code=01 E	Tot Cts=4119 Exp #=85088	MaxkeV=144 Rast=180"x1" St	Step=0" Pitch=-309"	)", Yaw=-63"
0Y=64	SMM Pointing:	N24W05		Pitch=-443", Yaw=-249"	249", Roll=-20deg	H.Ang=32deg
k End time 17 21:29 15:18 21:22:53 Hz)/Flux(sfu):	Importance=C7 Peakc/s=195 Wavelength=2788A 245/2400 410/140	Qual=01 Qual=01	Tot Cts=14225 Exp #=85089	MaxkeV=144 Rast=180"x1" S	Step=0" Pitch=-307"	7", Yaw=-70"
=64	SMM Pointing:	N24W05		Pitch=-443",Yaw=-249"	249", Roll=-20deg	H.Ang≈32deg
Start Peak End times 60ES 21:32 21:36 21:48   HXRBS 21:32:24 21:33:34 21:37:44   UVSP 21:37   Radio Sweeps   Franconcov(MH2)/Flux(5fU):	Importance=M2 Peakc/s=838 Wavelength=2788A III/1 245/160 410/170	Qual=01 Qual=01 Code=02 06/120	Tot Cts=68897 Exp #=85089	MaxkeV=231 F Rast=180"x1" S	Flags=M5,I Step=0" Pitch=-307"	7", Yaw=-70"
t # = 11093	N.	N24W06		Pitch=-438", Yaw=-261"	.261", Roll=-20deg	H.Ang=32deg
OES XRBS VSP	es 1 Peak Wave	Qual=00 Qual=01	Tot Cts=183 Exp #=85090	MaxkeV=102 Rast=180"x1" S	Flags=I Step=0" Pitch=-305"	15", Yaw=-75"
:	SMM Pointing:	N24W06		Pitch=-438", Yaw=-261"	-261", Roll≖-20deg	H.Ang=32deg
Start Peak End tim 22:57:22 22:57:34 22:57:4 23:11	es 6 Peakc/s=56 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=269 Exp #=85091	MaxkeV=102 Rast=180"x1"	Flags=I Step=0" Pitch=-302"	)2", Yaw=-83"
30Y=64	SMM Pointing:	N24W06		Pitch=-438",Yaw≕.	, Yaw=-261", Roll=-20deg	H.Ang=32deg
Start Peak End time: Start Peak End time: GOES 23:12 23:16 23:19 HXRBS 23:12:30 23:14:40 23:15:09 UVSP 23:11	les Importance=C5 9 Peakc/s=57 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=977 Exp #=85091	MaxkeV=102 Rast=180"x1"	Flags=I Step=0" Pitch=-302"	02", Yaw=-83"

	· -						1									
H.Ang=32deg	H.Ang=60deg	Pitch=-300", Yaw=-87"		H.Ang=32deg	H.Ang=93deg	Yaw=_04"		H.Ang=32deg	.", Yaw=-94"		H.Ang≕32deg	", Yaw=-94"	H.Ang=32deg	", Yaw=-94"	H.Ang=32deg	, Yaw=-94"
,Roll=-20deg	n.=46deg			oll=-20deg	Carr.Lon.=255deg	Pitch=_297"	Pitch=-300"	0]]=-20deg	Pitch=-297", Yaw=-94	100	.ıı=-∠uaeg	Pitch=-297",Yaw=-94	11=-20deg	Pitch=-297", Yaw=-94	]]≖-20deg	Pitch=-297", Yaw=-94"
, Yaw=-273"	Carr. Lon.	Flags=I " Step=0"		, Yaw=-273", Roll=-20deg	Carr. Lo		Step=0"	Pitch=-434", Yaw=-273", Roll=-20deg	Step=0"	Di+ch= 424" V== 424"	1 aW = - 2/3 , KU	Step=0"	, Yaw=-273", Roll=-20deg	Step=0"	Yaw=-273", Ro	Step=0"
Pitch=-434"		MaxkeV=102 Rast=180"x1"		Pitch=-434"	Mac.≖EKC	MaxkeV=102 Rast=180"x1"	MaxkeV=102 Rast=180"x1	Pitch=-434",	MaxkeV=102 Rast=180"x1"	Di+ch= 434"	, tot	MaxkeV=144 Rast=180"x1"	Pitch=-434",	MaxkeV=102 Rast=180"x1"	Pitch=-434", Yaw=-273", Roll=-20deg	MaxkeV=102 Rast=180"x1"
	AR5379	Tot Cts=1268 Exp #=85092	DOV-KE	60100	AR5395	ot Cts=848 xp #=85093	Event # = 10526 Tot Cts=711 Exp #=85092		Tot Cts=213 Exp #=85093			Tot Cts=8891 Exp #=85093		Tot Cts=158 Exp #=85093		Tot Cts=924 Exp #=85093
N24W07	\$20W61 0ual=05	Qual=01 Code=00	89/03/0K	N24W07	N27E90	Qual=01 1	Associated E Qual=01 T 3A E	N24W07	Qual=00 Qual=01 T	N24W07		Jual=03 Jual=01 Sode=02 5400/63	N24W07	Qual=00 Qual=01 Tc Ey	N24W07	Qual=00 Qual=01 To Ex
SMM Pointing:	HaClass=SF Importance=C5	Peakc/s=62 Wavelength=2788A		SMM Pointing:	HaClass=1N Importance=C5	akc/s=51 velength=2788	Peakc/s=51 Wavelength=2788A	SMM Pointing:	Peakc/s=45 Wavelength=2788A	SMM Pointing:		<pre>Importance=L/ Peakc/s=230 Wavelength=2788A 4995/18 8800/40</pre>	SMM Pointing:	Peakc/s=44 Wavelength=2788A	SMM Pointing:	Peakc/s=71 Wavelength=2788A
End times	_			End times	00:24	00:20:47	00:16:27 00:16:40	End times	00:25:15		nd time:	37:38 37:38 (sfu):	End times	00:46:03	End times	00:50:05
6 D0Y=64 Peak	23:56	7 23:57:05		7 D0Y=65 Peak		00:19:12 (	00:16:27	DOY=65 Peak	00:24:25	D0Y=65	Peak 00.30	0:34:54 00:35:28 00:37:3 0:43 Frequency(MHz)/Flux(sfu)	D0Y=65 Peak	00:45:49	00Y=65 Peak	00:49:01
Event # = 11096 89/03/05,23:56 Start	al 23:52	23:55:07 23:50		Event # = 10527 89/03/06,00:21 Start	a] 00:17	00:17 00:43 -	00:15:21 23:50	Event # = 10528 89/03/06,00:24 Start	00:24:04 00:43	# = 10529 06,00:39	Start 00:34	HXRBS 00:34:54 00:35:28 00 UVSP 00:43 Radio Frequency(MHz)/Flux	Event # = 10530 89/03/06,00:45 Start	00:45:26 00:43	Event # = 10531 89/03/06,00:49 Start	00:48:02 00:43
Event 89/03	Optical GOES	UVSP		Event 89/03,	Optic GOES	HXRBS (UVSP (	HXRBS UVSP	Event 89/03/	GOES HXRBS UVSP	Event 89/03/	60FS	HXRBS UVSP Radio	Event 89/03/	GOES HXRBS UVSP	Event #89/03/0	GOES HXRBS UVSP

н. Ang=32deg н. Ang=83deg , Үаw=-94"	H.Ang=32deg H.Ang=85deg ,Yaw=-99"	H.Ang=85deg XEN=906500 1.024s/pixel ",Yaw=+553"	", Yaw=+553" 	H.Ang=85deg H.Ang=82deg , Yaw=+553"	н.Ang=85deg , Yaw=+553"
g -297"	н н 295",	"El dt= 7.7s XE 10" Cad= 332s 1.0" Pitch=-603", Y	Pitch=-603' 	н н н н н н н н н н н н н н н н н н н	,Roll=-20deg H  = I  -   Pitch=-603",
,Yaw=-273",Roll=-20de Carr.Lon.=266deg " Step=0" Pitch=	,Yaw=-273",Roll=-20deg Carr.Lon.=264deg "Step=0"Pitch=-	=+623" Flags #Peak Step= Step=	Flags=I Step=0" Flags=I #Peaks=I Step=10" Step=0"	,Yaw=+623",Roll=-20de Carr.Lon.=266deg Flags=I Step=0" Pitch=	, yaw=+623", Ro Flags=I Step=0"
Pitch=-434", Ya Mac.=EKC MaxkeV=102 Rast=180"x1"	Pitch=-434", Ya MaxkeV=102 Rast=180"x1"	itch=-738" laxkeV=144 ePeak.c/s= last=180"x1 last=180"x1	MaxkeV=102 Rast=180"x1" MaxkeV=102 FePeak.c/s=15 Rast=240"x240" Rast=180"x1"	Pitch=-738", Y Mac.=EKC Maxkev=144 Rast=180"x1"	Pitch=-738", y MaxkeV=102 Rast=180"x1"
AR5395 Tot Cts=1089 Exp #=85093	Tot Cts=393 Exp #=85094	Tot Cts=51900 FePeak=03:21 Exp #=85096	Tot Cts=87	AR5395 Tot Cts=713 Exp #=85097	Tot Cts=342 Exp #=85097
N24W07 N29E78 Qual=02 Qual=01 Code=01	N24W07 N29E80 Qual=00 Qual=01	29E81 ual=01 ual=01 ual= 1 code=01	ioclated Jual=01 sociated Jual=01 Jual= 4	N29E81 N28E77 Qual=01 Qual=01	N29E81 Qual=02 Qual=01 A Code=00
SMM Pointing: HaClass=2N Importance=M3 Peakc/s=63 Wavelength=2788A III/3 8800/42 15400/200	SMM Pointing: Code=BSL Peakc/s=50 Wavelength=2788A	ointing: c/s=517 ak.c/s=1729 length=2788	Peakc/s=126 Wavelength=2788A	SMM Pointing: HaClass=SF Peakc/s=70 Wavelength=2788A	SMM Pointing: Importance=C3 Peakc/s=35 Wavelength=2788A
DOY=65 Peak End times 00:57 01:23 3 00:52:54 00:53:20 Type/Intensity: ncy(MHz)/Flux(sfu):	3 DOY=65 Peak End times 8 01:38:45 01:39:22	DOY=65 Peak End times 03:23 03:38 03:18:36 03:25:44 03:21 03:36 Type/Intensity: cv(MHz)/Flux(sfu):	4:17 8:56 1	08 6 DOY=65 Peak End times 56 O3:46:28 O3:46:57	10 9 DOY=65 Peak End times 03:59 01 03:59:32 04:00:12
Event # = 1053 89/03/06,00:57 89/03/06,00:57 0ptical GOES 00:52 HXRBS 00:51:4 UVSP 00:43 Radio Sweeps Radio Freque	Event # = 1053 89/03/06,01:38 89/03/06,01:38 Start Optical GOES HXRBS 01:37:4 UVSP 01:24	Event # = 11105 89/03/06,03:23 Start GOES 03:11 HXRBS 03:12:07 BCS 03:12 FCS 03:12 VSP 02:57 Radio Sweeps	03:3 03:3 03:3 03:5 Sweep	Event # = 11108 89/03/06,03:46 Start Optical GOES HXRBS 03:45:56 UVSP 03:52	Event # = 11110 89/03/06,03:59 Start GOES 03:58 HXRBS 03:59:01 UVSP 03:52

4	111									
89/03	# = 1111 /06,04:55	2 2007=65		SMM Pointing:	N28E77		Di+ch=+831" Va.	0000/+=0	11,000,00	
0100	Start	Peak	Ē				י וכטי-וטטוי	, law=+46U , KOII=9Udeg	. i i =90deg	H.Ang=82deg
HXRBS BCS BCS	HXRBS 04:40 HXRBS 04:53:29 BCS 04:44	04:55 04:53:3 04:56	05:20 7 04:54:10 05:33	ت⊾ت	Qua]=01 Qua]=01 Qua]= 4	Tot Cts=183 FePeak=04:54	MaxkeV=102 Fepeak c/s=10	Flags=I		00 110
WSP .	04:5		1	Wavelength=1375A Code=00 E	A Code=00	Exp #=85102	Rast=420"x240" Rast=10"x10"	5 5 5	Cad= 459s Pitch=+827	<pre>AEN=906502 1.024s/pixel ",Yaw=+491"</pre>
HXRBS UVSP	04:51:36 04:41	04:51:4	5 04:52:03	Peakc/s=50 (Wavelength=1375A	Associater Qual=01 A	<pre>1 Event # = 11111    Tot Cts=170    Exp #=85100</pre>	MaxkeV=144 Rast=10"x10"	Flags=I Step=0"	Pitch=+827	. Yaw=+491"
Event 89/03,	= 1111 16,06:33 Start	3 D0Y=65 Peak	End times	SMM Pointing:			Pitch=-738", Yaw	, Yaw=+631", Ro	, Roll=-20deg	
Optical Optical GOES	05:58	06:33	06:58	HaClass=SF HaClass=SF Importance=M1	N28E75 S21W67 Oual=05	AR5395 AR5379	Mac.=EKC	Carr.Lon.=266deg Carr.Lon.=48deg		H.Ang≖80deg H.Ang=66deg
BCS FCS	06:18:3 06:20	7 06:20:3 06:33	5 06:38:13 07:07	Peakc/s=112 CaPeak.c/s=335	Qual=02 Qual= 1	Tot Cts=9400 FePeak=06:22	MaxkeV=102 FePeak.c/s=44		t= 7.75	XFN=QO6503
UVSP Radio	06:28 Sweeps	06:28 weeps Type/Intensity	Intensity:	Wavelength=1375A Code=00 III/3	1 Code=00	Exp #=85111	Rast=240"x240" Rast=10"x10"	Step=10" C Step=0" P	ad= 590s itch=-748	1.024s/pixel ",Yaw=+589"
Kad 10	Frequen	cy (MHz) / F		/230 410/520	606/42 14 \ssociated	15/23 2695/19 88 Fvent # = 11114	606/42 1415/23 2695/19 8800/160 15400/130 ssociated Event # = 11114			
HXRBS Radio		06:41:15 icy (MHz) / F		akc/s=38 5/95	Qual=01	Tot Cts=110	MaxkeV=102	Flags=I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS UVSP	•	06:44:17		c/s=54 elength=137	sociated Qual=02	Event # = 11115 Tot Cts=383 Exp #=85113	MaxkeV=102 Rast=10"x10"	Flags=1,SG Step=0" P	 3G Pitch=-738"	. Yaw=+599"
Event 89/03/	Event # = 11116 89/03/06,06:54 Start	DOY=65 Peak	End times	SMM Pointing:			Pitch=-738", Yaw=+631",	=+631", Rol	, Roll=-20deg	
GOES HXRBS UVSP	06:54:29 06:41	06:54:38	90	Peakc/s=104 Wavelength=1375A	Qua]=06 Qua]=01	Tot Cts=232 Exp #=85113	MaxkeV=144 Rast=10"x10"	Flags=I Step=0"	Pitch=-738",	,Yaw=+599"
Event 89/03/	Event # = 11117 89/03/06,06:59 Start	DOY=65 Peak	End times	SMM Pointing:			Pitch=-738", Yaw=	, Yaw=+631", Roll=-20deg		
GOES HXRBS UVSP	06:59:14 06:55	06:59:20	06:59:29	Peakc/s=76 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=191 Exp #=85115	MaxkeV=144 Rast=10"x10"	Flags=I Step=0"	Pitch=-748", Yaw=+589"	, Yaw=+589"
Event 89/03/	Event # = 22517 89/03/06,08:31 Start	D0Y=65 Peak	End times							
BCS FCS	07:58	08:31	08:40	CaPeak.c/s=26	Qual=00 Qual= 4	FePeak=08:35	FePeak.c/s=6		dt= 7.7s )	(EN=906504
UVSP	08:29			Wavelength=1375A		Exp #=85124		Step=0" Step=0"	Cad=1.02s 1 Pitch=-743",	1.024s/pixel ", Yaw=+604"

_	-		e T	•	~ e-	66 
XEN=906505 1.024s/pixel ", Yaw=+636"	XEN=906506 2.048s/pixel ", Yaw=+636"	, Yaw=+636"	XEN=906507   2.048s/pixel   ", Yaw=+553"	1 1	XEN=906508 1.024s/pixel ",Yaw=+553"	XEN=906509 1.024s/pixel ", Yaw=+553"
dt= 7.7s X Cad= 590s 1 Pitch=-730",	dt= 7.7s Cad=1083s Pitch=-730	',Roll=-20deg =3" Pitch=-730"	,Roll=-20deg .s=2 dt= 3.8s X .5" Cad=1083s 2 .0" Pitch=-603",	1	dt= 7.7s Cad=1.02s Pitch=-603"	,Roll=-20deg =1 s=1 dt= 7.7s X 15" Cad= 459s 1 .0" Pitch=-603",
#Peaks=1 Step=10" Step=3"	#Peaks=1 Step=5" Step=3"	,Yaw=+631",Rol 43" Step=3"	#Peak Step= Step= Step=		#Peaks=1 Step=0" Step=0"	=+631" Flags #Peak Step= Step=
FePeak.c/s=6 Rast=240"x240" Rast=243"x243"	FePeak.c/s=6 Rast=115"x115" Rast=243"x243"	Pitch=-738", Yaw MaxkeV=102 Rast=243"x243"	Pitch=-738", Yaw: MaxkeV=102 FePeak.c/s=13 Rast=115"x115" Rast=180"x1"	MaxkeV=102	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Pitch=-738", Yaw MaxkeV=231 FePeak.c/s=102 Rast=420"x240" Rast=180"x1"
FePeak=09:33 F Exp #=85125 R	FePeak=09:45 F Exp #=85125 F	F Tot Cts=358 P Exp #=85125	Tot Cts=564 FePeak=10:11 Frn #=85126	Event # = 10537 Tot Cts=515	FePeak=11:19 Exp #=85128	Tot Cts=24600 FePeak=11:41 Exp #=85128
Qual=05 Qual= 4 F	Qual=01 Qual= 4 F	Qual=01 Qual=01	Qual=00 Qual=01 Qual= 2	Associated Qual=01	Qual=01 Qual= 1	Qual=01 Qual=01 Qual= 1
CaPeak.c/s=22 Wavelength=2788A	CaPeak.c/s=22 Wavelength=2788A	SMM Pointing: Peakc/s=65 Wavelength=2788A	SMM Pointing: Peakc/s=61 CaPeak.c/s=70	Maye lengun=2/00A 111/3 410/200 As	CaPeak.c/s=27 Wavelength=2788A	SMM Pointing: Importance=C8 Peakc/s=430 CaPeak.c/s=414 Wavelength=2788A 245/1600
End times 09:40 C	End times 09:47	End times 09:57:09	DOY=65 Peak End times 10:10:38 10:11:23 10:12 10:14	100	End times 11:29	= 11118 11:42 DOY=65 tart Peak End times 1:34 11:42 11:46 1:33:33 11:34:37 11:43:36 1:34 11:42 11:47 1:38 Frequency(MHz)/Flux(sfu):
DOY=65 Peak 09:33	DOY=65 Peak 09:45	= 10535 6,09:56 DOY=65 Start Peak 09:56:41 09:56:57 09:20		10:07 Weeps Frequency(MHz)/Flux(sfu) 10:12:03 10:13:09 10:13:3	0 DOY=65 Peak 11:18	8 DOY=65 Peak 11:42 3 11:34:37 11:42
Event # = 22518 89/03/06,09:33 Start GOES BCS 09:33 FCS UVSP 09:20	Event # = 22519 89/03/06,09:45 Start GOES BCS 09:44 FCS 09:20	<b>*</b> ⊭.⊙	*.0	``\5	Event # = 22520 89/03/06,11:18 80ES Start BCS 11:15 FCS 11:38	\$00 11 11
Event 89/03/ 60ES BCS FCS UVSP	Event 89/03/ 60ES BCS FCS UVSP	Event 89/03/ GOES HXRBS UVSP	Event 89/03/ GOES HXRBS BCS FCS	UVSP Radio Radio	Event 89/03 80ES 60ES BCS FCS UVSP	Event 89/03/ 80ES HXRBS BCS FCS UVSP Radio

				•						ı		ı		i	,					
	H.Ang=80deg		1.024s/pixel 1.7aw=+553"			H.Ang=77deg H.Ang=80deg	90 90	Dur=6420sec XEN=906512 1.024s/pixel	", Yaw=+553"	SOUTH STATE TO A SERVICE TO A S		XFN=Q06511	1.024s/pixel ",Yaw=+553"	. Yaw=+553"	Yaw=+55	. Yaw=+55	Yaw=+55	Yaw=+553"	FN=9065	.024s/pi Yaw=+553
Roll=-20deg	۲,		Cad= 459s Pitch=-603	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11=-20dea	Carr.Lon.=268deg Carr.Lon.=265deg Carr.Lon.=247ded	Z	dt= 7.7s Cad= 332s	Pitch=-603	1004CT 00000	Cad= 590s ] Pitch=-603"	dt= 7.7s	Cad= 590s Pitch=-603	Pitch=-603'		: : :		Pitch=-603"	dt= 3.8s	Cad= 332s 1 Pitch=-603",
, Yaw=+631", Ro	Carr.Lon.		Step=15" Step=0"	Flags=I	aw=+631", Roll	Carr.Lon Carr.Lon Carr.Lon	Flags=M5	3 #Peaks=2 Step=10"	St.	, d	Step=10" Step=0"	•	· ww	Step=0"	Step=0"	Step=0"	Step=0"	' <sub>==</sub>	-	Step=10" Step=0"
Pitch=-738", Ya	Mac.≖EKC	MaxkeV=144 FePeak.c/s=27	Rast=420"x240" Rast=180"x1"	 MaxkeV=144	Pitch=-738", Ya	Mac.=EKC	MaxkeV=856	=735 180"	Rast=180"x1" Ste 5/18000 4995/46000		Rast=240"x240" Rast=180"x1"	FePeak.c/s=22	Rast=240"x240" Rast=180"x1"	MaxkeV=144 Rast=180"x1"		MaxkeV=144 Rast=180"x1"	MaxkeV=144 Rast=180"x1"	MaxkeV=187 Rast=180"x1"	ePeak.c/s=306	Rast=180"x180" Rast=180"x1"
	AR5395	Tot Cts=414 FePeak=12:32	Exp #=85129	Event # = 11120 Tot Cts=364		AR5395 AR5395 AR5395	Tot Cts=1.57E+8	eak=14:18	exp #=85131 500 1415/5700 269	Associated Event # = 20508	Exp #=85137	Event # = 20513 FePeak=13:16	Exp #=85130		<pre>d Event # = 10542 Tot Cts=1123 Exp #=85138</pre>		# = 10544 ts=327 =85138	# = 11122 s=4140 85130	Event # = 22521 FePeak=15:30 F	Exp #=85133 R
		8 Qual=01 39 Qual= 1	788A Code=00	Associated 8 Qual=01		N356 N366 N366	326	89 Qual= 1	oor coue=00 0/3500 606/59	9	88A	Associated Qual= 1	4 · · · · · · · · · · · · · · · · · · ·	Qual=01		1 2	ם ב	Socrated Qual=01	Associated 3 Qual= 5	
SMM Pointing	HaClass=1	Peakc/s=38 CaPeak.c/s=139	Wavelength=278 245/490	Peakc/s=48	SMM Pointing		Peakc/s=185	CaPeak.c/s=7989		CaPeak.c/s=18	Wavelength=	CaPeak.c/s=89	Wavelength=2788	^ -	av av	Peakc/s=132 Qual=0 Wavelength=2788A	ج <u>ه</u>	Peakc/s=338 Wavelength=2788A	CaPeak.c/s=307	Wavelength=2788A
End times		02 12:33:35 12:54	12:17 Frequency(MHz)/Flux(sfu):	:46 12:30:02		;	9 18:00:39 15:43:00	4:54	ns i (s f	19:34	1	13:21	1	18:45:34	19:22:41	19:24:26	19:25:40	13:16:16	16:28 (	-
21 3 DOY=65 Peak		12:32: 12:32	ncy(MHz)/	9 12:29:4	8 DOY=65 Peak	14.05	14:0	14:33	Type/ cy (MHz)/i	18:47	1	13:16	1	18:43	19:22:	19:23:56	19:25:28	3:15:31		
Event # = 1112 89/03/06,12:33 Start	ון 12:30	12:31:30 12:23		12:29:09	Event # = 10538 89/03/06,14:05 Start	a] a] 12.13	13:55:15 13:56:00	13:56 13:51	weeps Freque	18:36	18:27	13:14	:12	18:42:46 18:27	19:19:57 19:26	19:23:42 19:26	:24:4 :26	•• ••		15:21
89/03	Optic GOES	HXRBS BCS FCS	UVSP Radio	HXRBS	Event 89/03	Optical Optical Optical GOFS	HXRBS	FCS UVSP	Radio Radio	BCS -	uvsp.		UVSP	HXRBS UVSP		HXRBS UVSP	HXRBS UVSP	HXRBS UVSP	SSS	UVSP

17.02	17:03	18:01	As CaPeak.c/s=507	Associated Qual= 5	Event # = 22522 FePeak=17:13	FePeak.c/s=30	#Peaks=1	dt= 7.7s X	XEN=906514 1.024s/pixel
16:53			Wavelength=2788A		Exp #=85135			Pitch=-603"	", Yaw=+553"
Event # = 12772 89/03/06,16:51 D Start HXRBS 16:51:29 1 UVSP 16:53	DOY=65 Peak 16:51:31	End times 16:51:35	Peakc/s=60 Wavelength=2788A	Qual=01	Tot Cts=63 Exp #=85135	MaxkeV=856 Rast=180"x1"	Flags=NS,G Step=0"	Flags=NS,GB Step=0" Pitch=-603"	,Yaw=+553"
Event # = 11102 89/03/06,20:53 Start GOES HXRBS 20:46:16 BCS 20:09	DOY=65 Peak 20:46:28 20:53	End times 20:46:47 21:04	Peakc/s=98 CaPeak.c/s=298	Qual=00 Qual=01 Qual= 1	Tot Cts=833 FePeak=20:52	MaxkeV=187 FePeak.c/s=65 Rast=240"x240"	Flags=I #Peaks=1 Step=10"	dt= 7.7s X Cad= 590s 1	XEN=906516 1.024s/pixel
FCS UVSP 21:01 HXRBS 20:49:30 3 HXRBS 20:48:53 3	20:49:57	20:49:57 20:53:36 20:48:58 20:49:04	Wavelength=2788A  Associated Peakc/s=74 Qual=01 Associated Peakc/s=59 Qual=01	Associated Qual=01 Associated Qual=01	Exp #=85140 Event # = 11103 Tot Cts=1990 Event # = 11109 Tot Cts=88			Pitch=-603"	, Yaw=+553"
Event # = 10548 89/03/06,22:23   Start Optical	3 D0Y=65 Peak	End times	HaClass=SF	N32E60	AR5395	Mac.=EKC	Carr.Lon.=273deg	=273deg	H.Ang=69deg
GOES HXRBS 22:15:41 BCS 21:44 FCS 22:33 UVSP 22:33 HXRBS 22:26:10	22:16:2 22:23 22:29 	2:23:38 2:37 2:27:03	Peakc/s=48 CaPeak.c/s=282 Peak3c/s=771 Wavelength=2788A 	Qual=01 Qual=1 Qual= 1 SA Associated Qual=01	Tot Cts=2790 FePeak=22:19 Exp #=85142 Event # = 10549 Tot Cts=479	MaxkeV=102 FePeak.c/s=51 Rast=180"x180" Rast=180"x1" MaxkeV=102	#Peaks=2 Step=10" Step=0"	dt= 7.7s Cad= 332s Pitch=-603"	XEN=906517 1.024s/pixel ", Yaw=+553"
Event # = 10550 89/03/06,23:50 Start	0 D0Y=65 Peak	End times	SMM Pointing: HaClass=SF	N36E65	AR5395	Pitch=-783", Yaw=+572" Mac.=EKC Carr.	/=+572",Roll=-20de Carr.Lon.=267deg	,Roll=-20deg Lon.=267deg	H.Ang=75deg
GOES HXRBS 23:49:26 UVSP 23:41	6 23:50:06	06 23:55:53	Peakc/s=154 Wavelength=1375A	Qual=02 Qual=01 5A	Tot Cts=3226 Exp #=85146	MaxkeV=187 Rast=130"x130"	Step=5"	Pitch=-759"	)", Yaw=+571"
Event # = 10551 89/03/06,23:57 Start Optical	1 D0Y=65 Peak	End time	SMM Pointing: S HaClass=1F	N28E70	AR5395	Pitch=-783",Yav Mac.=EKC	,Yaw=+572",Roll=-20de Carr.Lon.=262deg	,Roll=-20deg Lon.=262deg	H.Ang=76deg
GOES HXRBS 23:57:17 UVSP 23:54	17 23:57:50	50 23:57:58	Peakc/s=67 Wavelength=1375A	uua।≡02 Qua1=01 5A	Tot Cts=358 Exp #=85147	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-771"	I", Yaw=+583"

Event # = 10552		1	89/03/07	07 D0Y=66				
D0Y=66 Peak	=66 < End times	SMM Pointing: es	•		Pitch=-783",Ye	Yaw=+572",Ro	, Roll=-20deg	
23:59:25 00:03: 23:17 00:10	)3:24 00:11:16 10 00:13	6 Peakc/s=102 CaPeak.c/s=209	Qua]=01 Qua]=01 Qua]= 3	Tot Cts=8388 FePeak=00:03	MaxkeV=187 FePeak.c/s=35			XFN=906518
cy (MH	0:09 Frequency(MHz)/Flux(sfu):	Wavelength=1375A : 245/1800 2695/16	4 4995/79	Exp #=85149 8800/140 15400/84	Rast=0"x0" Rast=265"x265" 84	Step=0" Step=5"	Cad=3840s Pitch=-771	3840s/pixel , Yaw=+583"
Event # = 10553 89/03/07,00:49 D0Y=66 Start Peak	66 End times	SMM Pointing:			Pitch=-783", Ya	, Yaw=+572", Roll=-20deg	]]=-20deg	
00:4	00:49:27 00:49:47 00:50:07 00:54	7 Peakc/s=46 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=161 Exp #=85151	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-771"	, Yaw=+583"
Event # = 10554 89/03/07,00:53 DOY=66 Start Peak	66 End times	SMM Pointing:			Pitch=-783", Ya	, Yaw=+572", Rol	, Roll=-20deg	
WSP 00:54	3:11 00:54:32	Peakc/s=51 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=530 Exp #=85151	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-771"	, Yaw=+583"
DOY=66 Peak	56 End times	SMM Pointing:			Pitch=-783", Yaw=+572",	w=+572", Ro]	, Roll=-20deg	
01:04	01:04:09 01:04:34 01:05:16 00:58	Peakc/s=56 Wavelength=1375A	Qua]=01 Qua]=01	Tot Cts=248 Exp #=85152	MaxkeV=102 Rast=130"x130"	Step=5"	Pitch=-724"	, Yaw=+576"
Event # = 10555 89/03/07,01:08 DOY=66 Start Peak	56 End times	SMM Pointing:			Pitch=-783", Yaw	, Yaw=+572", Rol	, Roll=-20deg	
00:59:58 01:01:08:00:50 01:08 01:13 00:58 Type	:01:37 01:03:24 :08 01:34 :13 Type/Intensity:	Peakc/s=98 CaPeak.c/s=73 Peak3c/s=283 Wavelength=1375A V/3	Qual=01 Qual=01 Qual= 1	Tot Cts=2491 FePeak=00:54 Exp #=85152	MaxkeV=144 FePeak.c/s=11 Rast=240"x240" Rast=130"x130"	#Peaks=1 Step=10" Step=5"	dt= 7.7s ) Cad= 590s ] Pitch=-724",	XEN=906600 1.024s/pixel ',Yaw=+576"
DOY=66 Peak 02:23 02:26 Type/	End tin 02:27 //Intensity //Flux(sfu)	CaPeak.c/s=26 Peak3c/s=195 Wavelength=13/5A 111/2 245/200	Qua]=05 Qua]= 5	FePeak=02:23 Exp #=85159	FePeak.c/s=9 Rast=420"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s X Cad= 459s 1 Pitch=-771",	XEN=906601 1.024s/pixel 1", Yaw=+583"
				th.				

	1			1						
	XEN=906602 1.024s/pixel ", Yaw=+583"	XEN=906603 1.024s/pixel ", Yaw=+526"		XEN=906604 1.024s/pixel ",Yaw=+583"		I", Yaw=+583"	H.Ang=76deg H.Ang=78deg	Dur=60sec XEN=906605 1.024s/pixel 9",Yaw=+551"		1",Yaw=+583"
, Roll=-20deg	dt= 7.7s Cad= 590s Pitch=-771"	dt= 7.7s Cad= 459s Pitch=-769	, Roll=-20deg	dt= 7.7s Cad= 590s Pitch=-771"	, Roll=-20deg	Pitch=-771"	+572", Roll=-20deg Carr.Lon.=259deg Carr.Lon.=258deg	=M5,EG Duss=2 dt= 7.7s Xi 10" Cad= 590s 1 .5" Pitch=-739",	, Roll=-20deg	Pitch=-771"
+572", Rol	# Peaks = 10 Step = 5"	#Peaks=1 Step=15" Step=5"	,Yaw=+572",Rol	#Peaks=1 Step=10" Step=5"	, Yaw=+572", Ro	Step=5"	,Yaw=+572",Ro Carr.Lon Carr.Lon	Flags #Peak Step= Step= 00/950	, Yaw=+572", Rc	Step=5"
, Үам:	MaxkeV=32U FePeak.c/s=10 Rast=240"x240" Rast=265"x265"	FePeak.c/s=9 Rast=420"x240" Rast=130"x130"	Pitch=-783",Yaw	MaxkeV=102 FePeak.c/s=9 Rast=240"x240" Rast=265"x265"	Pitch=-783",Yaw	MaxkeV=144 Rast=265"x265"	Pitch=-783",Yav Mac.=EKC	MaxkeV=856 >10MeV=Y FePeak.c/s=2 Rast=240"x24 Rast=130"x13	Pitch=-783", Ya	MaxkeV=102 Rast=265"x265"
	Tot Cts=16641   FePeak=03:01   Exp #=85163   F	ePeak=04:01 xp #=85168		Tot Cts=579 FePeak=04:33 Exp #=85171		Tot Cts=13411 Exp #=85177	AR5395 AR5395	Qual=01 Qual=03 Tot Cts=5.43E+5 Qual= 1 FePeak=05:59 Code=00 Exp #=85178 0606/9400 1415/1600 2695/		Tot Cts=2063 Exp #=85179
	Qual=01 Ti Qual= 1 Fi	Qual=01 Qual= 5 F		Qual=01 Qual=01 Qual= 4 F		Qual=00 Qual=01	N29E69 N34E70	Qual=01 Qual=03 Qual= 1 Code=00 0 606/9400		Qual=00 Qual=01
SMM Pointing:	Peakc/s=847 (CaPeak.c/s=33 (Peak3c/s=284 Wavelength=1375A III/3	CaPeak.c/s=29 Peak3c/s=85 Wavelength=1375A	SMM Pointing:	Peakc/s=42 CaPeak.c/s=33 Peak3c/s=120 Wavelength=1375A	SMM Pointing:	Peakc/s=163 Wavelength=1375A	SMM Pointing: s HaClass=1F Code=LPS	Importance=M2 Qu Peakc/s=42780 Qu CaPeak.c/s=782 Qu Peak3c/s=662 Wavelength=1375A Cc 245/1600 410/6600	SMM Pointing:	Peakc/s=64 Wavelength=1375A
End times		End times 04:11	e to	04:32:36 04:39		u,	End times	18 33:11 58:00 28 sfu):		6 06:11:20
D0Y=66 Peak	03:01:27 03:02 03:04 Type/Ir cy(MHz)/Fl	DOY=66 Peak 04:03 04:01	DOY=66	Peak 3 04:31:29 04:35 04:34	99=V00	reak 05:51:3	0 D0Y=66 Peak	05:56 06:00 09:3 05:55:14 05:57:46 06:0 05:57:00 05:59 06:3 05:59 06:5 05:54 Frequency (MHz)/Flux(	51 9 DOY=66	
Event # = 10557 89/03/07,03:02 Start	03:00:06 03:01:27 03:02:4 02:55 03:02 03:06 03:01 Type/Intensity Frequency(MHz)/Flux(sfu)	vent # = 22524 9/03/07,04:03 0ES Start CS 04:01 CS NSP 04:03	Event # = 10558 89/03/07,04:35	Start 04:29:53 04:32 04:33	Event # = 10559 89/03/07,05:51	05:44:59 05:50	Event # = 10560 89/03/07,06:00 Start Optical	05:56 05:55:14 05:57:00 05:38 05:54	- U	Start S 06:07:07 06:07
Event #89/03/0	GOES HXRBS BCS FCS UVSP Radio	Event 89/03/ GOES BCS FCS UVSP	Event 89/03/	GOES HXRBS BCS FCS UVSP	Event 89/03,	GOES HXRBS UVSP	Event 89/03 Optic	GOES HXRBS GRS GRS FCS UVSP Radio	Event 89/03/	GOES HXRBS UVSP

Start GOES HXRBS 06:23:59	001=bb		SMM Pointing:			Di+ch=_783" v≥	V 31,715 70 11 D.	11-004-11	
	Peak	End times				31' 60'1731'	) Y' 7/C+=ME	, ko i i=-20deg	
•.	90	06:25:56 Itensity:	Peakc/s=60 Wavelength=1375A III/2	Qual=02 Qual=01	Tot Cts=472 Exp #=85181	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-771	Pitch=-771",Yaw=+583"
Event # = 10563 89/03/07,07:26 Start Optical GOES	3 DOY=66 Peak	End times	SMM Pointing: HaClass=SF	N33E67	AR5395 AR5395	Mac.=EKC	Carr. Lon	Carr.Lon.=261dea	H. Ann=75den
	07	07:26:07 07:35 tensity:	Peakc/s=277 CaPeak.c/s=129 Peak3c/s=615 Wavelength=1375A III/3	Qual=06 Qual=01 Qual= 1	Tot Cts=8953 FePeak=07:25 Exp #=85185	MaxkeV=274 FePeak.c/s=31 Rast=240"x240" Rast=265"x265"		dt= 3.8s Cad= 590s Pitch=-771	
Event # = 10564 89/03/07,07:39 Start	D0Y=66 Peak	End times	SMM Pointing:		AR5395				
HXRBS 07:39:36 (UVSP 07:27	07:39:53	07:39:53 07:40:29	Peakc/s=52 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=431 Exp #=85186	MaxkeV=102 Rast=130"x130"	Step=5"	Pitch=-769"	Pitch=-769", Yaw=+541"
# = 10565 '07,07:53 Start	DOY=66 Peak	End times	SMM Pointing:		AR5395				
HXRBS 07:53:19 UVSP 07:44	07:53:44	07:53:44 07:53:54	Peakc/s=37 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=147 Exp #=85188	MaxkeV=102 Rast=130"x130"	Step=5"	Pitch=-779",Yaw=+516"	, Yaw=+516"
Event # = 22525 89/03/07,07:54 Start GOES BCS 07:54 FCS 07:44	DOY=66 Peak 07:54 07:55	End times 07:56	CaPeak.c/s=22 Peak3c/s=132 Wavelength=1375A	Qua]=06 Qua]= 4	FePeak=07:54 Exp #=85188	FePeak.c/s=8 Rast=240"x240" Rast=130"x130"	#Peaks=1 Step=10" Step=5"	dt= 7.7s X Cad= 590s 1 Pitch= 779"	XEN=906607 1.024s/pixel
= 22526 7,08:00 Start	D0Y=66 Peak	imes	Code=LPS	\$18E90 0ua]=06			Carr.Lon.=237deg		H. Ang=88deg
FCS U/:58 (C	08:00	08:01	CaPeak.c/s=47 C Peak3c/s=17 Wavelength=1375A	Qual= 1 F	FePeak=07:59 Exp #*85189	FePeak.c/s=13 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 7.7s ) Cad= 590s ] Pitch=-771",	XEN=906608 1.024s/pixel ',Yaw=+583"

XEN=906609 1.024s/pixel ", Yaw=+546"	H.Ang=78deg H.Ang=94deg XEN=906610	1.0645/PIX61 .Yaw=+546" 	, Yaw=+583"		XEN=906611 1.024s/pixel ", Yaw=+551"		XEN=906612 1.024s/pixel '', Yaw=+583"		Pitch=-771",Yaw=+583"
dt= 7.7s XE Cad= 590s 1. Pitch=-764",	=257deg	Cad= 590s 1.0445/plxe1 Pitch=-764", Yaw=+546"	Pitch=-771"		dt= 7.7s Cad= 590s Pitch=-759		dt= 3.8s Cad= 590s Pitch=-771		Pitch=-771
#Peaks=1 Step=10" Step=5"	Carr.Lon.=257deg Carr.Lon.=237deg Flags=M5 #Peaks=1 dt= 3.	Step=10" Step=5" Flags=M5	Step=5"		#Peaks=1 Step=10" Step=5"		#Peaks=1 Step=10" Step=3"		Step=3"
FePeak.c/s=7 Rast=240"x240" Rast=130"x130"	Mac.=EKC MaxkeV=320 FePeak.c/s=29	Rast=240"x240" Rast=130"x130"  MaxkeV=231	MaxkeV=102 Rast=265"x265		MaxkeV=144 FePeak.c/s=8 Rast=240"x240" Rast=130"x130"		Maxkev=102 FePeak.c/s=9 Rast=240"x240" Rast=243"x243"		MaxkeV=102 Rast=243"x243"
FePeak=09:02 Exp #=85194	AR5395 AR5395 AR5395 Tot Cts=3945 FePeak=09:12	Exp #=85194 Event # = 10567 Tot Cts=2003	Event # = 10300 Tot Cts=174 Exp #=85195	AR5395	Tot Cts=552 FePeak=09:20 Exp #=85196	AR5395	Tot Cts=140 FePeak=10:29 Exp #=85199	AR5395	Tot Cts=71 Exp #=85199
Qual=00 Qual= 4	433E70 432E90 2ual=00 2ual=01	sociated Qual=01	ssociated Qual=01		Qual=01 Qual=1	0.001=01	Qual=01 Qual= 4	ı	Qual=00 Qual=01 A
CaPeak.c/s=18 Peak3c/s=128 Wavelength=1375A	SMM Pointing: HaClass=1F Code=BSL PeakC/s=244	Peak3(\$=338 Wavelength=1375 V/3 410/290 Peakc/\$=306	Peakc/s=48 Wavelength=137	SMM Pointing:	Peakc/s=106 CaPeak.c/s=32 Peak3c/s=330 Wavelength=1375A	SMM Pointing:	Peakc/s=48 CaPeak.c/s=47 Peak3c/s=297 Wavelength=2788A	SMM Pointing:	Peakc/s=43
End times 09:05	End times 09:12:31		:50	End times	09:20:39 09:26	End times	10:25:47 11:07	Fnd times	5 10:58:36
DOY=66 Peak 09:02 09:05	DOY=66 Peak 09:10:16	09:10 09:12 09:10 09:01 09:11 Type/Intensity: Weeps Type/Intensity: Frequency(MHz)/Flux(sfu): 	09:16:51 09:17	) DOY=66 Peak	3 09:20:09 09:21 09:21	) D0Y=66 Peak	1 10:25:36 10:29 10:37	1 DOY=66 Deak	
Event # = 22527 89/03/07,09:02 Start GOES BCS 09:02 FCS 09:01	= 10%66 .09:12 tart 9:09:24	09:10 09:01 Sweeps Frequent	-	Event # = 10569 89/03/07,09:21 Start	09:19:38 09:20 09:17	: # = 10570 3/07,10:29 Start	10:25:31 10:24 10:13	<pre>svent # = 10571 39/03/07,10:58</pre>	3 10:58:11
Event #89/03/0 60ES BCS FCS UVSP	Event 89/03/1 0ptica 0ptica GOES HXRBS	BCS 0 FCS UVSP 0 Radio Sw Radio -		Event 89/03/	GOES HXRBS BCS FCS UVSP	Event 89/03/	GOES HXRBS BCS FCS UVSP	Event 89/03	GOES

001 + + 10C	2		The second secon						
89/03/07,11:45 Start	5 D0Y=66 Peak	End times	SMM Pointing: s		AR5395				
HXRBS 11:43:11 BCS 11:43	11 11:47:11 11:45 11:55	0	Peakc/s=273 CaPeak.c/s=175 Peak3.c/s=947	Qual=04 Qual=01 Qual≖ 5	Tot Cts=19025 FePeak=11:44	MaxkeV=231 FePeak,c/s=19		dt= 3.8s	XEN=906613
	<pre>11:48 Frequency(MHz)/Flux(sfu)</pre>		Wavelength=1375/ 245/460 410/280	er	Exp #=85200	kast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=-771"	Cad= 590s 1.024s/pixel Pitch=-771", Yaw=+583"
HXRBS 11:55:0 UVSP 11:50	11:55:01 11:55:16 11:59:52 11:50		Peakc/s=51 Wavelength=1375A	Associated Qual=01 5A	Event # = 10573   Tot Cts=944   Exp #=85201	MaxkeV=102 Rast=130"x130"	Step=5"	 Pitch=-754"	, Yaw=+526"
Event # = 105/4 89/03/07,12:11 Start	4 D0Y=66 Peak	End times	SMM Pointing:		AR5395				
HXRBS 12:10:56 10VSP 12:08	6 12:11:16	12:11:35	Peakc/s≖43 Wavelength=1375A	Qual=05 Qual=01	Tot Cts=129 Exp #=85203	MaxkeV=102 Rast=130"x130"	Step=5"	Pitch=-734".Yaw=+536"	.Yaw=+536"
Event # = 10575 89/03/07,12:18 Start	5 D0Y=66 Peak	End times	SMM Pointing:		AR5395				
<u></u>			HaClass=SF	N31E63	AR5395	Mac.=EKC	Carr.Lon.=262deg		H.Ana≈71dea
HXRBS 12:17:15 UVSP 12:08	12:18:52	12:19:39	Peakc/s=46 Wavelength=1375A		Tot Cts=722 Exp #=85203	MaxkeV=102 Rast=130"x130"	Step=5"	-734"	,Yaw=+536"
89/03/07,13:26 Start	o DOY≖66 Peak	End times	SMM Pointing:		AR5395				
Optical GOES 13:17	13:26	13:3	.Class=1B rtance=M4	N31E65 Oual=01	AR5395	Mac.=EKC	Carr.Lon.=259deg		H.Ang=73deg
13:18:00	13:19:08	13:28:09 13:21:00	20	Qual=01	Tot Cts=1.16E+6	MaxkeV=856	Flags=M5		
13:17	13:25 13:28	•	CaPeak.c/s=2562 Peak3.c/s=4560	Qual≈ 1	FePeak=13:24	>lumev=r FePeak.c/s=1154	#Peaks=1	dt= 7.7s x	ur=180sec EN=906614
~ 5	Type/In		Wavelength=1375A Code=00	Code=00	Exp #=85209	Rast=240"x240" Rast=130"x130"	Step=10" Step=5"	Cad= 590s 1 Pitch=-739",	1.024s/pixel ",Yaw=+556"
			245/33000 410/580 606/130	606/130	1415/86 2695/210	4995/370 8800/	1000 15400/		
HXRBS 13:30:22	13:30:30 13:31:40	•	Peakc/s=70	Associated Qual=01	Event # = 10577 Tot Cts=1143	Event # = 10577		 	1 1 1
Event # = 10578 89/03/07,13:36 Start	DOY=66 Peak	End times	SMM Pointing:		AR5395				
HXRBS 13:36:48 UVSP 13:25	13:36:52 13:36:57		Peakc/s=44 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=60 Exp #=85209	MaxkeV=102 Rast=130"x130"	Step=5"	Pitch=-739".Yaw=+556"	Yaw=+556"

		, !			ı	.			•		
H.Ang=86deg Dur=60sec	EN=906615 .024s/pixel Yaw=+531"	XEN=906616 1.024s/pixel ', Yaw=+526"	H.Ang=73deg H.Ang=94deg	Dur=240sec XEN=906617 1.024s/pixel ", Yaw=+526"	, Yaw=+583"	XEN=906618 1.024s/pixel	H.Ang=71deg	", Yaw=+521"	1	XEN=906619	1.024s/pixel ", Yaw=+583"
	dt= 7.7s X Cad= 590s 1 Pitch=-769",	dt= 7.7s ) Cad= 590s Pitch=-774"		= 7.7s 1= 590s tch=-774	 tch=-77	dt= 7.7s Cad= 590s	.=260deg	Pitch=-774"	1		Cad= 459s Pitch=-771"
Carr.Lon.=245deg	#Peaks=2 Step=10" Step=5"	#Peaks=1 Step=10" Step=5"	Carr.Lon.=258deg Carr.Lon.=233deg	Flags=M5 #Peaks=1 Step=10" Step=5"	00 15400/2  Step=5"	#Peaks=1 Step=10"	Carr.Lon.=260deg	Step=5"	1		Step=15" Step=5"
Mac.=EKC MaxkeV=274	FePeak.c/s=636 Rast=240"x240" Rast=130"x130"	FePeak.c/s=7 Rast=240"x240" Rast=130"x130"	Mac.=EKC	MaxkeV=856 FePeak.c/s=6860 Rast=240"x240" Rast=130"x130"	4995/310 8800/1300 15400/2000 	FePeak.c/s=19 Rast=240"x240"	Mac.=EKC	MaxkeV=102 Rast=130"x130"	MaxkeV=102 		Rast=420"x240" Rast=265"x265"
AR5395 AR5395 Tot Cts=40044	FePeak=13:43 F Exp #=85211 F	Event # = 20515 FePeak=14:08 Exp #=85213	AR5395 AR5395	Tot Cts=4.03E+6 FePeak=14:57 Exp #=85217	/190 2695/180 vent # = 1058C ot Cts=341	Event # = 22528 FePeak=15:08	AR5395 AR5395	Tot Cts=714 Exp #=85221 Exp # = 10582	For Cts=254 For Cts=254 Event # = 10583 Tot Cts=369	100 - 31 - Jan 90 - 7	Exp #=85224
N38E79 Qual=01 Qual=01	iual= 1 code=00	ociated Qual= 5	N32E65 N34E90	Qual=01 Qual=01 Qual= 1	506/100 141 Associated Qual=01	Associated Qual= 5	N29E63	Qual=01 Qual=01	ssociated Qual=01 ssociated Qual=01	Qua]=01	Qual≆ 5 5A
SMM Pointing: Code=LPS Importance=M2 Peakc/s=1020	CaPeak.c/s=1846 Q Peak3c/s=2435 Wavelength=1375A C	CaPeak.c/s=89 CaPeak3c/s=89 Peak3c/s=502 Wavelength=1375A	SMM Pointing: HaClass=2B Code=LPS	Importance=X2 Qual=01 Peakc/s=18120 Qual=01 CaPeak.c/s=7195 Qual= 1 Peak3c/s=7435 Wayelength=1375A Code=00	V/3 245/130 410/79 (	Wavelengun-15/54 Capeak.c/s=194 Qual= 5 F Peak3c/s=560	SMM Pointing: HaClass=2B	akc/s=66 velength=1375	Peakc/s=104		CaPeak.c/s=40 Peak3c/s=252 Wavelength=1375A
nd times 4:09 3:46:03	7:00	14:15	End times	0.0	lux(sfu): 14:49:33	15:47	End times	15:37:50	3:09 5:34	End times	16:29
DOY=66 Peak 13:49 13:40:49	13:44	.y (mHz)/r: 14:07 14:08	D0Y=66 Peak	14:58 14:54:40 14:58 15:02	Type/Ir cy (MHz)/F - 14:49:24	15:08 15:11	DOY=66 Peak	9 15:37:32	2 15:32:42 15:3 6 15:33:59 15:3	88	16:24 16:24
= 10579 7,13:49 Start 13:40	13:34 13:34 13:44 13:40	Frequenc 14:07 13:58	# = 10581 //07,14:58 Start	14:49 14:50:38 14:52:00 14:49	Sweeps Frequency(		# = 10584 1/07,15:37 Start	15:36:4 15:30	151	# = 22529 1/07,16:24 Start	16:24 16:27
Event # 89/03/0 Optical GOES	PSS SS		Event 89/03/	GOES HXRBS GRS BCS FCS UVSP	Radio Radio HXRBS	UVSP BCS FCS	Event # 89/03/0	GOES HXRBS UVSP	HXRBS HXRBS	Event 89/03/ 60FS	BCS FCS UVSP

ent # = 105	2								
89/03/07,16:29 Start	) DOY=66 Peak	End times	SMM Pointing:		AR5395				
HXRBS 16:28:5: UVSP 16:27	3 16:29:09	9 16:29:20	Peakc/s=38 Wavelength=1375A	Qual=01 Qual=01 A	Tot Cts=62 Exp #=85224	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-771",	", Yaw=+583"
Event # = 10586 89/03/07,16:42 Start	6 D0Y=66 Peak	End times	SMM Pointing:		AR5395				
HXRBS 16:41:41 UVSP 16:31	1 16:42:29	9 16:44:22	Peakc/s=62 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=797 Exp #=85225	MaxkeV=102 Rast=130"x130"	Step=5"	Pitch=-774	Pitch=-774",Yaw=+516"
Event # = 10587 89/03/07,16:56 Start	7 DOY=66 Peak	End times	SMM Pointing:		AR5395				
Uptical GOES 16:48	16:56		HaClass=1N Importance=M4	N29E63 0ual=03	AR5395	Mac.=EKC	Carr.Lon.=259deg	=259deg	H.Ang=71deg
BS 16:50:3 16:53:00	0 17:00:1. )		Peakc/s=725	Qual=01	Tot Cts=1.13E+5	MaxkeV=320	Flags=M5		
UVSP 16:47 Radio Frequer	ncy (MHz) / !		Wavelength=1375A 245/1000 410/55	Code=00 606/72 88	elength=1375A Code=00 Exp #=85227 71000 410/55 606/72 8800/160 15400/120	Rast=130"x130"	Step≖5"	Pitch=-769'	Dur=120sec Pitch=-769",Yaw=+516"
BCS 17:19 FCS UVSP 17:18	19	17:22	Cap Pea	(ual= 5	Event # = 22530 FePeak=17:19 Exp #=85230	FePeak.c/s=12 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 7.7s Cad= 590s Pitch=-771"	XEN=906621 1.024s/pixel "Yaw=+583"
nt # = 10588 33/07,18:20 Start	3 D0Y=66 Peak	Fod + imps	SMM Pointing:	N38E60		Pitch=-825", Yaw=+408", Roll=-20ded	=+408", Rol		H. And=72dea
GOES 18:09 HXRBS 18:20:16 BCS 17:57	18:20 18:20:27 18:19	18:25 18:20:33 18:40	Importance=C9 Peakc/s=154 CaPeak.c/s=381	Qual=01 Qual=01 Qual= 1	Tot Cts=476 FePeak=18:18	MaxkeV=187 FePeak.c/s=67	C=SAEG#		
•	18:17 Frequency(MHz)/Flux(sfu)		3c/s=198  ength=137 4400	Code=00	Exp #=85234	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=-820"	., Yaw=+420"
HXRBS 18:21:54 UVSP 18:21	18:22:14	18:22:29	Peakc/s=61 Wavelength=1375A	ssociated Qual=01	Event # = 10589 Tot Cts=256 Exp #=85235	MaxkeV=187 Rast=130"x130"	Step=5"	 Pitch=-803"	Yaw=+487"
Event # = 10590 89/03/07,18:43 Start	D0Y=66 Peak	End times	SMM Pointing:	N38E60		Pitch=-825", Yaw=	, Yaw=+408", Roll=-20deg	3	H.Ang=72deg
GUES HXRBS 18:41:39 BCS 18:40 FCS 18:37	18:41:45 18:43 18:48	18:43:41 18:49	Peakc/s=42 CaPeak.c/s=27 Peak3c/s=214 Wavelength=1375A	Qual=00 Qual=01 Qual= 1	Tot Cts=271 FePeak=18:40 Exp #=85237	MaxkeV=102 FePeak.c/s=7 Rast=240"x240" Rast=130"x130"	#Peaks=1 Step=10" ( Step=5"	dt= 7.7s ) Cad= 590s ] Pitch=-777"	XEN=906623 1.024s/pixel Yaw=+487"
									() t

H.Ang=72deg H.Ang=69deg S XEN=906624 OS 1.024s/pixel	782",	H.Ang=/2deg 1.024s/pixel 1.024s/pixel	/o/-		H.Ang≈85deg	Dur=60sec -771".Yaw=+463"		8", Yaw=+410"		y H.Ang=78deg	=-818", Yaw=+409"	eg H.Ang=7ldeg	Pitch=-818", Yaw=+408"	eg H.Ang=71deg	Pitch=-818",Yaw=+408"
,Roll=-20deg H Lon.=260deg H S=1 dt= 3.88 X 10" Cad= 590s 1	t .	,Roll=-20deg =DG		, Roll=-20deg	Lon.=47deg	=M5 5" Ditch=_771	_	5" Pitch=-81	', Roll=-20deg	arr.Lon.=249deg	=5" Pitch=	", Roll=-20deg	_	", Roll=-20deg	
=+408" Carr. #Peak Step=	Step=	=+406" Flags #Peak Step=		, Yaw=+406"	Carr.Lon	Flags	∍daic ∴ns	 65" Step=	5", Yaw=+396"	Carr.	4 x265" Step=	5", Yaw=+396"	)2  x265" Step=5	25", Yaw=+396"	14 'x265" Step=5"
Pitch=-825", Yaw: Mac.=EKC MaxkeV=102 FePeak.c/s=10		Pitch=-824", Yaw MaxkeV=102 FePeak.c/s=24 Rast=240"x240"	Rast=130"x	Pitch=-824"	Mac.=EKC	MaxkeV=687	Rast=130"x130" -	 MaxkeV=10 Rast=265"	Pitch=-825",		MaxkeV=144 Rast=265"x26	Pitch=-825"	MaxkeV=102 Rast=265"x265	Pitch=-825"	MaxkeV=144 Rast=265"x265
AR5395 Tot Cts=396 FePeak=19:45	Exp #=85241 Event # = 10591 Tot Cts=370	Tot Cts=271 FePeak=20:05	Exp #=85243		AR5379		Exp #=85248 10	Event # = 10595 Tot Cts=1455 Exp #=85247			Tot Cts=2774 Exp #=85249		Tot Cts=461 Exp #=85251		Tot Cts=834 Exp #=85251
N38E60 N30E61 Qual=01 Qual=1	A Associated Qual=01	N38E60 Qual=01 Qual=11 Qual= 1	A Code=00	N38E60	\$19W87	Qual=01 Qual=01	5A Code=00 Exp 30 15400/1200	Associated Qual=01 5A	N38E59	N32E71	Qual=01 Qual=01 5A Code=00	N38E59	Qual=00 Qual=01 5A	N38E59	Qual=01 Qual=01 75A
SMM Pointing: HaClass=SF PeakC/s=56 CaPeak.C/s=46	Peak3c/s=226 Wavelength=1375 	SMM Pointing: Importance=C3 Peakc/s=45 Capeak.c/s=59 Capeak.c/s=59	Wavelength=1375 245/720	SMM Pointing:	HaClass=SF	Importance=C4 Peakc/s=1033	Wavelength=1375A	Peakc/s=60 Wavelength=1375A	SMM Pointing:	HaClass=SF	Importance=C9 Peakc/s=126 Wavelength=1375A	SMM Pointing:	s Peakc/s=52 Wavelength=137	SMM Pointing:	Peakc/s=70 Wavelength=1375A
End times P 19:48:00 1	19:44:55	End times 20:10 20:04:08 20:11	fu):		End times	21:08 21:13 21:20 21:04:44 21:05:22 21:06:39 21:06:00 21:06:00	(Elux(efu).	7 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2		End times	21:32 :02 21:24:32		End time 12 21:43:01		.03 21:45:02
DOY=66 Peak 19:47:5		3 DOY=66 Peak 20:06 19 20:03:47 20:05	20:11 9:54 Frequency(MHz)/Flux(s	34 007=66	Peak	21:13 44 21:05:	00	ency(mhz)/rig 34 21:10:29 7	96 6 DOY=66	Peak	21:26 42 21:23	397 12 DOY=66		598 44 DOY=66	Peak 21:44
# = 1059 07,19:48 Start 1 19:47:1	19:38 -1	# = 1059 /07,20:06 Start 20:03 20:03:3	-	t # = 10594	Start	21:08 5 21:04:4	21:10	o Frequenc 2 21:08:34 21:08	t = 10596	Start	21:21 21:20 21:23	nt # = 10597 03/07,21:42	Start 21:42 21:41	nt # = 10598 03/07,21:44	\$ 23
Event 4 89/03/0 Optica GOES HXRBS RCS	FCS UVSP TXRBS	Event 89/03/ GOES HXRBS BCS	FCS UVSP Radio	Event	03/0.	GOES HXRBS	UVSP	Radio HXRBS UVSP	Event 80/0	1,400	GOES HXRBS UVSP	Even 89/0	GOES HXRBS UVSP	Even: 89/0	GOES HXRBS

.Ang=71deg	H.Ang=61deg	XEN=906627	1.024s/pixel ',Yaw=+404"	1 1 1 1 1	, Yaw=+472" 	H.Ang=71deq	X5N=906628	1.024s/pixel , Yaw=+471"		H.Ang=57deg	H.Ang=67deg	IW=+123"	H. Ana=57dea	H.Ang≕69deg	, Yaw=+123"	•
20deg H		SN dt= 3.8s	caa= 459s Pitch=-817'	1 G	Pitch=_/50",Y Pitch=_750" v	, Roll=-20deg H.	v	Cad= 590s 1.( Pitch=-760", Ya		, Roll=-20deg H.A		Pitch=-647",Yaw=+123"	=-20dea	,	Pitch=-647",Ya	1 1 1 1 1
, Yaw=+396", Roll:	Carr.Lon.=260deg	Flags=M5, #Peaks=1			Step=5	w=+396"	#Peak	Step=10 Step=5"		, Yaw=+200", Rol	Carr.Lon.	Step=0"	, Yaw=+200", Roll:	Carr.Lon.=257deg	Flags=FS Step=0"	Flags=FS
Pitch=-825", Y	Mac.≈EKC	MaxkeV=367 FePeak.c/s=742 Rast=420"*240"	Rast=265"x265	MaxkeV=144 Rast=130">130"	MaxkeV=144 Rast=130"x130"	Pitch=-825", Ya	MaxkeV=102 FePeak.c/s=19	Rast=240"x240" Rast=130"x130" 		Pitch=-784", Ya	Mac.=EKC	MaxkeV=102 Rast=180"x1"	Pitch=-784", Yaw	Mac.=EKC	MaxkeV=367 Rast=180"x1"	 MaxkeV≈231
	AR5395	Tot Cts=1.44E+5 FePeak=22:37	Exp #=85254 30	Event # = 10612 Tot Cts=350 Exp #=85255	Event # = 10613 Tot Cts=371 Exp #=85255		Tot Cts=597 FePeak=23:08	Exp #=85257 Event # = 10615 Tot Cts=270	D0Y=67		AR5395	Tot Cts=212 Exp #=85263 15400/560		AR5395	Tot Cts=5145 P Exp #=85263 R	Event # = 10617 Tot Cts=2478 M
N38E59	N10E59 Oual=05	Qual=02 Qual= 1	4 Code=02 10 15400/7	Associated Qual=01 A	Associated Qual=01 5A	N38E59	Qual=01 Qual=01 Qual= 4	ssociated Qual=01	89/03/08	N38E37	N28E59 Qual=05	Qual=01 800/120	N38E37	N30E61 Oual=01	Qual=01 Code=00	sociated Qual=01
SMM Pointing:	HaClass=2B Importance=M4	Peakc/s=2703 CaPeak.c/s=2443 Peak3c/s=3216		্≏.⊐	A Peakc/s=54 Wavelength=1375A	SMM Pointing:	Peakc/s=51 CaPeak.c/s=129 Peak3 c/s=306	Wavelength=1375A A Peakc/s=51	1	SMM Pointing:	HaClass=SN Importance=C6	Peakc/s=49 Wavelength=2788A 1415/58 2695/42 8	SMM Pointing:	faClass=SF mportance=C4	akc/s=434 velength=2788A I/3	Peakc/s=434
DOY=66 Peak End times	23:01	22:45:27 22:53:05 22:37 23:00 22:43	tu 3S Equency(MHz)/Flux(sfu):	:55:12 22:55:54	22:57:49 22:58:17	DOY=66 Peak End times	23:06:57 23:07:50 23:08 23:23 23:18	46 23:11:32	e de la companya de l	DOY=67 Peak End times		01:25:08 01:23:24 01:23:34 01:34 Frequency(MHz)/Flux(sfu):	End times	01:53	:09	:39 01:50:51
# = 10611 /07,22:38 _Start	al 22:22 22:22	22:35:52 22:36 22:40	Sweey	22:6	22:57:10 22:45	# = 10614 /07,23:08 Start	23:05:02 23:00	23:00	# = 10676	8,01:21 Start	al 01:16 01:	01:34 01:34 Frequency(M	Event # = 10616 89/03/08,01:51 DOY=67 Start Peak	50	UI:4/:51 UI 01:34 Sweeps	- 53
89/0	00t1	BCS FCS	Radic	HXRBS	HXRBS UVSP	Event 89/03	HXRBS HXRBS BCS FCS	UVSP  HXRBS	Event	89/03/	GOES GOES	UVSP Radio	Event 89/03/	Optica GOES	മപ≎	HXRBS

H.Ang=56deg XEN=906701 1.024s/pixe1 ", Yaw=+123"	H.Ang=56deg H.Ang=69deg XEN=906702 1.024s/pixel ", Yaw=+117"	H.Ang=56deg H.Ang=70deg ,Yaw=+114" 	H.Ang=56deg XEN=906703 1.024s/pixel 5", Yaw=+114"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
s 0s 647	9 7 S 90 S - 646	9 -645"	l=-20deg dt= 3.8s Cad= 459s Pitch=-64	1 1
=+190", Rol #Peaks=1 Step=10" Step=0"	Carr. Carr. Flags #Peags Step= Step=	,Yaw=+190",Roll=-20de Carr.Lon.=256deg " Step=0" Pitch=	=+190" #Peak Step= Step=	
Pitch=-781", Yaw MaxkeV=102 FePeak.c/s=9 Rast=240"x240" Rast=180"x1" MaxkeV=102	Pitch=-781", Yawac.=EKC MaxkeV=274 FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	Pitch=-781" Mac.=EKC MaxkeV=102 Rast=180"x1 MaxkeV=102	Pitch=-781", Yaw MaxkeV=144 FePeak.c/s=13 Rast=420"x240" Rast=180"x1"	MaxkeV=102 MaxkeV=102 MaxkeV=102
Tot Cts=785 P FePeak=02:01 F Exp #=85263 F Event # = 10618 Tot Cts=60 P	AR5395 Tot Cts=19612 FePeak=02:15 Exp #=85264 15400/58 ed Event # = 10630 Tot Cts=248	AR5395 Tot Cts=174 Exp #=85265 Event # = 10600 Tot Cts=132		Event # = 10001 Tot Cts=211 Event # = 10603 Tot Cts=139 Event # = 10604 Tot Cts=80
N38E36 Qual=01 Qual=1 Qual= 1 Associated Qual=01	N38E36 N29E61 Qual=01 Qual= 4 Qual= 4 Sociated Qual=01	N38E36 N32E61 Qual=05 Qual=01 SA Code=02 Associated Qual=01	N38E36 Qual=01 Qual=1 Qual= 1 Qual= 1	Associated Qual=01 Associated Qual=05 Qual=05 Qual=01 Associated Qual=05 Qual=05
Peakc/s=174 CaPeak.c/s=26 Peak3c/s=44 Wavelength=278 Feakc/s=43	SMM Pointing:  HaClass=SF Importance=C4 CaPeakC/s=528 CaPeakC/s=24 Peak3C/s=14 Wavelength=2788A III/3 I11/3 I415/81 2695/26 8	SMM Pointing: PHaClass=SF PeakC/s=53 Wavelength=2788A PeakC/s=57 PeakC/s=57	SMM Pointing: P Peakc/s=107 CaPeak.c/s=71 Peak3c/s=14 Wavelength=2788A 8800/26 15400/53	Peakc/s=46 Peakc/s=46
End times :21 02:01:30 02:04 :44 02:00:50	sa 1 16	End times 03:15 :30 03:18:44 	= 10602 3,03:27 DOY=67 Start Peak End times 33:24:03 03:25:10 03:26:58 33:18 03:27 03:40 03:08 Frequency(MHz)/Flux(sfu):	03:22:18 03:22:35 03:23:10 03:29:09 03:29:20 03:29:38 03:36:55 03:37:09 03:37:10
vent # = 10619 9/03/08,02:02 D0Y=67 Start Peak 0ES XRBS 02:01:08 02:01:0 CS 02:01 02:02 CS 02:01 02:04 WSP 01:34	= 10620 8,02:16 DOY= Start Peak 02:12 02:1 02:15 02:1 02:15 02:1 02:33 Ty Frequency(MH	= 10599 03:07 D0Y= start Peak 03:01 03:0 03:18:14 03:1 03:08	Event # = 10602 89/03/08,03:27 DOY=67 Start Peak GOES HXRBS 03:24:03 03:25: BCS 03:18 03:27 FCS 03:08 UVSP 03:08 Radio Frequency(MHz)	03:22:18 03:2 03:29:09 03:2 03:36:55 03:3
Event # 89/03/08 89/03/08 60ES HXRBS ( FCS LVSP ( LXBS ( L	Event # 89/03/00 0ptical 60ES HXRBS HXRBS FCS UVSP Radio S Radio	Event # 89/03/08 0ptical GOES (HXRBS (UVSP (LATRES) (LATR	Event 4 89/03/0 GOES HXRBS BCS FCS UVSP Radio	HXRBS GOES HXRBS HXRBS HXRBS

Start	Peak	End times	S smm rointing:	N38E3D		Pitch=-781", Y.	, Yaw=+190", Roll=-20deg	1=-20deg	H.Ang=56deg
03:49:15 04:07	5 03:49:47	7 03:51:24	Peakc/s=233 Wavelength=2788A	Qual=01 Qual=01 A	Tot Cts=2561 Exp #=85266	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=-643	Pitch=-643",Yaw=+109"
Event # = 10606 89/03/08,04:07 Start	5 D0Y=67 Peak	End times	SMM Pointing:	N38E35		Pitch=-778", Yaw=+180", Roll=-20deg	1W=+180", Rol	1=-20deg	H.Ang=56deg
4:07:14 4:07	04:07:14 04:07:48 04:07	3 04:07:56	Peakc/s=52 Wavelength=2788A	Qual=00 Qual=01 A	Tot Cts=249 Exp #=85266	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-643"	", Yaw=+109"
Event # = 10607 89/03/08,04:09 Start	D0Y=67 Peak	End times	SMM Pointing:	N38E35		Pitch=-778", Ya	, Yaw=+180", Roll=-20deg	]=-20deg	H. Ang=56deg
04:09:19 04:07	04:09:26	04:09:37	Peakc/s=62 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=154 Exp #~85266	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-643"	', Yaw=+109"
Event # = 10608 89/03/08,04:54 Start	D0Y=67 Peak	End times	SMM Pointing:	N38E55		Pitch=-822", Ya	, Yaw=+368", Roll	,Roll=-20deg	H.Ang=68deg
4:50	04:54		HaClass=SF Importance=C8	N28E52 Oual=01	AR5395	Mac.=EKC	Carr.Lon.=	=264deg	H.Ang=61deg
04:55:42 04:52 Sweeps	U4:55:42 04:56:44 04:58:2 04:52 Weeps	:22 ty:	Peakc/s=296 (Wavelength=1375A (III/3	Qual=01 Code=00	Tot Cts=7475 Exp #=85267	MaxkeV=231 Rast=265"x265"	Step=5"	Pitch=-814",Yaw=+381	, Yaw=+381"
requenc	cy (MHz) / F		410/88 606/44 14	5/18 269 sociated	5/20 4995/47 Event # = 10	8800/20 15400/18			
: 04 : 0/ 1: 56	05:04:0/ 05:04:32 05:05:31 04:56	05:05:31	Peakc/s=210 Wavelength=1375A	Qual=01	Tot Cts=1907 Exp #=85269	MaxkeV=187 Rast=30"x30"	Flags=FS Step=10" B	 Pitch=-757"	, Yaw=+444"
Event # = 10610 89/03/08,05:07 Start	D0Y=67 Peak	End times	SMM Pointing:	N38E55		Pitch=-822", Yaw	, Yaw=+368", Roll=	, Roll=-20deg	H. Ang=68deg
	;		HaClass=SF	N23E52 Oual=00	AR5395	Mac.=EKC	Carr.Lon.=264deg	_	H.Ang=59deg
	05:07:28	05:07:46	Peakc/s=50 Wavelength=1375A	Qual=01	Tot Cts=207 Exp #=85269	MaxkeV=102 Rast=30"x30"	Step=10" P	Pitch=-757",	, Yaw=+444"
89/03/08,05:22     Start     Start	D0Y=67 Peak	End times	SMM Pointing:	N38E55		Pitch=-822", Yaw	, Yaw=+368", Roll=	, Roll=-20deg H	H.Ang=68deg
			:lass=SF	N29E53 Oual=00	AR5395	Mac.=EKC	Carr.Lon.=263deg		H.Ang≈63deg
:20:4/   :56 requency	US:20:4/ US:22:32 05:30:11 04:56 Frequency(MHz)/Flux(sfu).		Peakc/s=530 Wavelength=1375A 15400/20	Qual=01	Tot Cts=15297 Exp #=85269	MaxkeV=187 Rast=30"x30"	Step=10" p	Pitch=-757" Yaw=+444"	Yaw=+4444"

<u> 6</u>	el	deg 3"	deg 8."	deg 8.	deg 06 1,xel 8"	'deg
H.Ang=66deg	XEN=90670 1.024s/pi ", Yaw=+375	H.Ang=68deg ", Yaw=+478"	H.Ang=68deg ", Yaw=+478"	=-20deg H.Ang=68deg Pitch=-755",Yaw=+478"	H.Ang=68deg XEN=906706 1.024s/pixel 5",Yaw=+478"	=-20deg H.Ang=67deg Pitch=-754", Yaw=+467"
258deg	dt= 7.7s XEN=906705 Cad= 459s 1.024s/pixel Pitch=-812",Yaw=+375"	=-20deg   Pitch=-755"	=-20deg   Pitch=-755"	20deg  20deg	,Roll=-20deg H s=3 dt= 3.8s X 10" Cad= 590s 1 10" Pitch=-755",	l=-20deg Pitch=-75
Carr.Lon.=258deg	#Peaks=1 Step=15" Step=5"	=+368",Roll Step=10"	,Yaw=+368",Roll=-20deg	=+368", Rol .	#Peak Step= Step=	v=+356",Rol Step=10"
Mac.=EKC	FePeak.c/s=6 Rast=420"x240" Rast=265"x265"	Pitch=-822", Yaw=+368", Roll=-20deg MaxkeV=102 Rast=30"x30" Step=10" Pitch=-	Pitch=-822", Yaw MaxkeV=102 Rast=30"x30"	Pitch=-822", Yaw=+368", Roll=-20deg MaxkeV=102 Rast=30"x30" Step=10" Pitch=-	Pitch=-822", Yaw=+368", MaxkeV=102 FePeak.c/s=29 #Peak: Rast=240"x240" Step= Rast=30"x30" Step=	Pitch=-819", Yaw=+356", Roll=-20deg MaxkeV=102 Rast=30"x30" Step=10" Pitch=-
AR5395	FePeak=06:34 Exp #=85272	Tot Cts=109 Exp #=85274	Tot Cts=93 Exp #=85274	Tot Cts=122 Exp #=85274	Tot Cts=1255 FePeak=07:00 Exp #=85274	Tot Cts=271 Exp #=85279
N30E57		N38E55 Qual=00 Qual=01	N38E55 Qual=06 Qual=01	N38E55 Qual=06 Qual=01	N38E55 Qual=06 Qual=01 Qual= 1 Code=00	N38E54 Qual=00 Qual=01
	portance=C4 Peak.c/s=23 ak3c/s=87 velength=1375A 1/3	SMM Pointing: Peakc/s=53 Wavelength=1375A	SMM Pointing: Peakc/s=55 Wavelength=1375A	SMM Pointing: Peakc/s=42 Wavelength=1375A	SMM Pointing: Inportance=C5 PeakC/s=77 CaPeak.C/s=165 Peak3C/s=233 Wavelength=1375A	SMM Pointing: Peakc/s=55 Wavelength=1375A
⊞es	ty:	End times 06:37:04	End times 06:48:46	End times 3 06:54:48	End times 07:02 3 06:59:38 07:21	End times 5 08:08:41
D0Y=67 Peak	06:24 06:29 06:33 06:40 06:35 Type/Intensi	DOY=67 Peak 06:36:52	DOY=67 Peak 06:48:37	D0Y=67 Peak 06:54:33	DOY=67 Peak 07:00 07:00 07:00 07:05	DOY=67 Peak 08:08:2
# = 22531 08,06:24 Start	. 06:19 06:33 06:26 Sweeps	Event # = 10627 89/03/08,06:36 Start GOES HXRBS 06:36:48 UVSP 06:29	t # = 10628 3/08,06:48 Start S 06:48:32 06:29	Event # = 10629 89/03/08,06:54 Start GOES HXRBS 06:54:25 UVSP 06:29	vent # = 10631 9/03/08,07:00 Start 0ES 06:57 XRBS 06:58:05 CS 06:48 CS	% = 10632 3/08,08:08 \$tart \$ 08:08:21 08:03
Event 89/03/	_	Event 89/03/ GOES HXRBS UVSP	Event 89/03/ GOES HXRBS UVSP	Event 89/03/ 60ES HXRBS UVSP	Event 89/03 80ES HXRBS BCS FCS UVSP	Event 89/03/ GOES HXRBS UVSP

leg	leg .		e =		eg	=	Бe	) ac	ze.		Ď <sub>e</sub>	[e]	g	<b>)</b>	e e
H.Ang=67deg	H.Ang=63deg	XEN=90670	1.024s/pixel ",Yaw=+464"		H.Ang=67deg	', Yaw=+464	H. Ang=66deg	XFN=906708	1.024s/pixel ',Yaw=+544"		H.Ang≃56deg	XEN=906709 1.024s/pixel '.Yaw=+356"	H. Ang=54deg	KEN=QOK710	1.024s/pixel ', Yaw=+89"
, Roll=-20deg	.=262deg		cad= 332s Pitch=-754		1=-20deg	Pitch=-754",Yaw=+464	]=90deg	dt= 3.8s	Cad= 459s 1 Pitch=+696",		=350deg	dt= 3.8s X Cad= 332s 1 Pitch=-809",		dt= 3.8c	Cad= 459s 1 Pitch=-638",
, Yaw=+356", Ro	Carr.Lon.=262deg	7 #Peaks=2	Step=10" Step=10"		w=+356", Ro]	Step=10"	w=+648", Ro]		Step=15" Step=10"		Carr.Lon.=350deg	#Peaks=2 Step=10" Step=3"	=+158", Roll	Flags=M5 #Peaks=1	Step=15" Step=0"
Pitch=-819", Ya	Mac.=EKC	5 MaxkeV=231 FePeak.c/s=2117	Rast=30"x30"	06	Pitch=-819", Yaw=+356", Roll=-20deg	MaxkeV=144 Rast=30"x30"	Pitch=+603", Yaw=+648", Roll=90deg	MaxkeV=102 FePeak.c/s=8	Rast=420"x240" Rast=30"x30"			FePeak.c/s=7 Rast=180"x180" Rast=243"x243"	Pitch=-771", Yaw=+158", Roll=-20deg	MaxkeV=367 FePeak.c/s=42	Rast=420"x240" Rast=180"x1"
	AR5395	Tot Cts=4.67E+5 FePeak=08:34	Exp #=85281 R	(00tc) 00c (0000		Tot Cts=81 Exp #=85281		Tot Cts=96 FePeak=09:42	Exp #=85284			FePeak=11:41 Exp #=85287		Tot Cts=30881 FePeak=12:39	Exp #=85289
N38E54	N31E52 Oual=03	Qual=01 Qual= 1	Code=00 4995/140		N38E54	Qual=00 Qual=01	N38E52	Qual=05 Qual=01 Qual= 5			N36W38 Qua]=01	Ųua!= 1	N38E33	Qual=01 Qual=01 Qual= 1	
SMM Pointing:	HaClass=1B Importance=M6	Peakc/s=3506 CaPeak.c/s=4552 Peak3c/s=5873	Wavelength=1375A III/3 245/120 2695/53		SMM Pointing:	Peakc/s=51 Wavelength=1375A	SMM Pointing:	Peakc/s=63 (CaPeak.c/s=143 (CaPeak.c/s=144	Wavelength=1375A		one of the state o	careak.c/s=32 Peak3c/s=189 Wavelength=2788A	SMM Pointing:	c/s=2052	Peak3C/S=1/ Wavelength=2788A 245/110 8800/91 15400/95
End times	09:59	08:48:24 08:55	Type/Intensity: (MHz)/Flux(sfu):		End times	3 08:54:20	End times	10:11:43 10:29		End times	٤	7	End times	11:54 14	
3 D0Y=67 Peak	08:37	17 08:32:38 08:35 08:42	Type/ cy(MHz)/			08:54:08	D0Y=67 Peak			D0Y=67 Peak	11:44	11:48	D0Y=67 Peak	12:38:52 12:39 12:43	12:28 12:28 Frequency(MHz)/Flux(sfu)
# = 1063 /08,08:37  Start	31 08:25 08:25	08:25:17 08:10	US:35 Sweeps Frequency(I	# = 10647	/08,08:54 Start	08:53:59 08:35	Event # = 10622 89/03/08,09:42 Start	10:11:31 09:42	09:35	# = 22533 '08,11:44 Start	11:04	11:07	Event # = 10623 89/03/08,12:39 Start	12:37:32 12:39	12:28 Frequenc
89/03	GOES	BCS FCS	Radio Radio	vent	89/03/0	HXRBS UVSP	Event 89/03/	GOES HXRBS BCS FCS	UVSP	89/03/08,1 Sta	Optical GOES BCS	FCS UVSP	Event 89/03/	GOES HXRBS BCS BCS	UVSP Radio

13:19 13:13:13 13:08 13:08 13:03:08 13:29:55 13:29:55 14:12:28 14:13 14:15	٠٠١٥٥١٠٥	HaClass=IN Importance=M9 (Peakc/s=906 (	NZ9E48 011.2]=03	AKOSAS	Tac LNC		n : :	
FCS 13:08  UVSP 13:27  Radio Frequency(MHz)/Flu	1 00 1 40	aPeak.c/s=228	ual=01	Tot Cts=39244 FePeak=13:16	10		dt= 7.7s Cad=3840s	XEN=906711 3840s/pixel
Radio Frequency(mHz)/Fig	. 1 00 1 40	/eak3C/S=19 /avelength=2788A /oc/69 /4095/160	Code=02		=		Pitch=-637"	, Yaw=+84"
DOY=67 Peak 14:12:28 14:13 14:15		Peakc/s=544 Peakc/s=64	sociated Qual=01 Sociated Qual=01	Event # = 10624 Tot Cts=6567 Event # = 10626 Tot Cts=705	MaxkeV=231 	1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Peak 14:12:28 14:13 14:15	:	SMM Pointing:	N38E33		Pitch=-771",Yaw=	, Yaw=+158", Roll=	=-20deg	H.Ang=54deg
	End times 14:13:08 F 14:16 (	Peakc/s=56 CaPeak.c/s=43 Peak3c/s=11 Wavelength=2788A	Qual=01 Qual=01 Qual= 4	Tot Cts=608 FePeak=14:13 Exp #=85291	MaxkeV=102 FePeak.c/s=13 Rast=420"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s ) Cad= 459s ] Pitch=-636",	XEN=906712 1.024s/pixel ", Yaw=+81"
Event # = 10637 89/03/08,14:22 DOY=67		SMM Pointing:	N38E33		Pitch=-771",Yaw	, Yaw=+158", Roll	, Roll=-20deg	H.Ang≃54deg
	End times 14:24:43	Peakc/s=116 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=2983 Exp #=85291	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-636"	", Yaw=+81"
Event # = 22534 89/03/08,14:25 D0Y=67 Start Peak GOES 14:25 14:25 FCS 14:21 UVSP 14:01	End times 14:27	CaPeak.c/s=26 Peak3c/s=25 Wavelength=2788A	Qual=01 Qual= 4 A	FePeak=14:25 Exp #=85291	FePeak.c/s=9 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 332s 1 Pitch=-636",	XEN=906713 1.024s/pixel ", Yaw=+81"
Event # = 10640 89/03/08 14:50 DOY=67		SMM Pointing:	N38E32		Pitch=-770", Yaw	, Yaw=+147", Rol	, Roll=-20deg	H.Ang=54deg
<u> </u>	nd t 5:03	HaClass=2B Importance=Ml	N28E48 Qual=03	AR5395	Mac.=EKC	Carr.Lon.≖262deg	=262deg	H.Ang=58deg
HXRBS 14:46:15 14:47:13 HXRBS 14:46:15 14:47:13 GRS 14:47:00 BCS 14:31 14:49 FCS 14:31 14:32	#0		Qual=01 Qual= 1 A	Tot Cts=86241 FePeak=14:48 Exp #=85292	MaxkeV=418 FePeak.c/s=65 Rast=180"x180" Rast=180"x1"	#Peaks=2 Step=10" Step=0"	dt= 7.7s Cad= 332s Pitch=-634	Dur=60sec XEN=906714 1.024s/pixel ", Yaw=+75"
Frequen		606/81 1415/59  Peakc/s=66	95/49 49 sociated Oual=01	2695/49 4995/68 8800/410 Associated Event # = 10635 Qual=01 Tot Cts=175	 MaxkeV=102	1	1 1	
14:30:06 14:01 14:01	14:31:04 14:31:51	Peakc/s=249 Wavelength=278	ssociated Qual=01	Event # = 10638 Tot Cts=4720 P Exp #=85291	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-636"	, Yаw=+81"

HXRBS 14:38	:51 14:39:38	38 14:42:53	Peakc/s=705	Associated Qual=01	<pre>f Event # = 10639 Tot Cts=11839</pre>	MaxkeV=231	Flags=M5	1 1 1 1 1	
Event # = 10634 89/03/08,16:09 Start	634 09 DOY=67 Peak	End times	SMM Pointing:	N38E32			Yaw=+147", Ro	, Roll=-20deg	H.Ang=54deg
GOES HXRBS 16:01 BCS 16:09 FCS 10:34	:54 16:02:01 16:09 16:09	)1 16:02:13 16:12	Peakc/s=50 CaPeak.c/s=22 Peak3c/s=27 Wavelength=2788A	Qual=01 Qual=01 Qual= 4 A	Tot Cts=163 FePeak*16:09 Exp #=85294	MaxkeV=102 FePeak.c/s=14 Rast=420"x240" Rast=180"x1"	#Peak Step= Step=	dt= 7.7s Cad= 459s Pitch=-632	XEN=906715 1.024s/pixel ", Yaw=+66"
Event # = 10641 89/03/08,16:23 Start	641 23 D0Y=67 Peak	End times	SMM Pointing:	N38E31		Pitch=-766", Yaw	, Yaw=+137", Roll=-20deg	]=-20deg	H.Ang=53deg
GUES HXRBS 16:23: UVSP 16:34	:20 16:23:30	0 16:24:08	Peakc/s=42 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=321 Exp #=85294	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-632"	., Yaw=+66"
Event # = 10643 89/03/08,18:09 Start	543 )9 D0Y=67 Peak	End times	SMM Pointing:	N35E49		Pitch=-783", Yaw	Yaw=+349", Rol	, Roll=-20deg	
Optical GOES 18:03	18:09	18:15	HaClass=1F Importance=C4	N30E49 Oual=03	AR5395	Mac.=EKC	Carr.Lon.=260deg	=260deg	H. Ang=60deg
BS 18:04:19 P 18:09	<u>8</u>	188	Peakc/s=223 Wavelength=2788A	Qual=01 Code=02	Tot Cts=4707 Exp #=85301	MaxkeV=144 Rast=180"x1"	Flags=M5, Step=0"	,FS Pitch=-648"	, Yaw=+275"
Event # = 10644 89/03/08,18:57 Start	.44 7 D0Y=67 Peak	Find times	SMM Pointing:	N35E49		Pitch=-783", Yaw	1 -	=-20dea	H. And=62dea
GOES 18:50 HXRBS 18:51:4 GRS 18:52:0	18:57 49 18:54:51	19:08 19:06:54	Importance=M4 Peakc/s=14560	Qua]=01 Qua]=01	Tot Cts=1.00E+6	MaxkeV=467	F]ags=M5	7	, , , , , , , , , , , , , , , , , , ,
18:52	18:56 18:58		CaPeak.c/s=4629	Qual= 1	FePeak=18:56	FePeak.c/s=1717	#Peak	8s	Dur=300sec XEN=906716
18:56			Wavelength=1375A	Code=00	Exp #=85304	Kast=420"x240" Rast=30"x30"	Step=15" Step=10"	Cad= 459s Pitch=-732"	1.024s/pixel ", Yaw=+402"
Event # = 10645 89/03/08,19:11 Start Start	45 1 D0Y=67 Peak	End times	SMM Pointing:	N35E49		Pitch=-783", Yaw	, Yaw=+349", Roll	, Roll=-20deg	H.Ang=62deg
HXRBS 19:10:55 UVSP 18:56		19:12:22	akc/s=89 velength≈1375A	Qual≈05 Qual=01		MaxkeV=144 Rast=30"x30"	Sten=10"	D:+ch- 722"	
19:07	19:08 19:08	19:29	ď	ssociated   Qual= 5	Event # = 22535 FePeak=19:07	່ ພູ້ຄ	,	dt= 7.7s x Cad= 332s 1	, raw=+402"  XEN=906717 1.024s/bixel
Event # = 1064F 89/03/08,19:16 Start	16 5 DOY=67 Peak	End times	SMM Pointing:	N35E49		Pitch=-783", Yaw=	, Yaw=+349", Roll:	be d	H.Ang=62dea
GOES HXRBS 19:16:16 UVSP 18:56		17:03	Peakc/s=77 Wavelength=1375A	Qual=01 Qual=01 T	Tot Cts=412 M Exp #=85304 R	MaxkeV=102 Rast=30"x30"	Step=10" P	732"	
									701

kc/s=53 qual=01	DOY=67 Peak 19:33 19:34	End times 19:40 (	eak.c/s=47 k3.c/s=205 elength=1375A	Qual=06 Qual= 1 1 N35E48	FePeak=19:33 Exp #=85306	FePeak.c/s=11 #Peaks=1 dt= 7.7 Rast=180"x180" Step=10" Cad= 33 Rast=30"x30" Step=10" Pitch=- Pitch=-781", Yaw=+339", Roll=-20deg	#Peaks=1 Step=10" Step=10" =+339",Rol	2s 722	XEN=906718 1.024s/pixel ", Yaw=+406" H.Ang=62deg
SMM   Pointing   N35E48   Pitch=-781", Yaw=+339", Roll=-20deg   H.Ang=52deg   H.Ang=62deg   H.Ang=	22 E	imes :17	⋖		Cts=298 ak=20:26 #=85309	MaxkeV=102 FePeak.c/s=14 Rast=420"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s Cad= 459s Pitch=-772	XEN=906719 1.024s/pixel ', Yaw=+347"
PeakC/s=41 Qual=01 Tot Cts=212 FePeak.e20:53 FePeak.e20:53 FePeak.e20:53 FePeak.e20:53 FePeak.e20:53 FePeak.e20:53 FePeak.e20:53 FePeak.e20:53 FePeak.e20:53 Fast=180"x180" Step=10" Cad= 332s 1.024s/pixel Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel Rast=180"x30" Step=10" Pitch=-745", Yaw=+408" Havelength=1375A AR5398 Mac.=CAO Carr.Lon.=238deg H.Ang=61deg HaClass=SF S15E68 AR5398 Maxev=102 Step=10" Pitch=-753", Yaw=+411" HaClass=SF Qual=01 Tot Cts=234 Rast=30"x30" Step=10" Pitch=-753", Yaw=+411" Hill Auvelength=1375A Code=00 Exp #=85320 Maxkev=102 SMM Pointing: N35E46 Mac.=EKC Carr.Lon.=261deg H.Ang=61deg HaClass=SF N33E45 AR5395 Maxev=144 Step=10" Pitch=-778", Yaw=+379" Step=10" Pitch=-723", Yaw=+379" Wavelength=1375A Qual=01 Tot Cts=430 Maxkev=144 Step=10" Pitch=-723", Yaw=+379" Rast=30"x30" Step=10" Pitch=-723", Yaw=+379"	_	times	SMM Pointing: HaClass=SF HaClass=SF HaClass=SF	N35E48 N31E45 N42W19 N33E63	AR5395 AR5397		=+339", Rol Carr.Lon. Carr.Lon.	1=-20deg =262deg =326deg =244deg	H.Ang=62deg H.Ang=58deg H.Ang=52deg H.Ang=72deg
SMM Pointing: N35E46 HaClass=SF S15E68 AR5398 Hac.=CA0 Carr.Lon.=238deg H.Ang=61deg H.Ang=67deg Importance=C4 Qual=01 Tot Cts=234 Wavelength=1375A Code=00 Exp #=85320 Feakc/s=55 Qual=01 Tot Cts=234 MaxkeV=102 Feakc/s=55 Qual=01 Tot Cts=184 AxkeV=102 Peakc/s=95 Qual=01 Tot Cts=184 MaxkeV=102 Feakc/s=95 Qual=01 Tot Cts=184 MaxkeV=102 Feakc/s=95 Qual=01 For the form for the form for the form form form form form form form form			Peakc/s=41 CaPeak.c/s=60 Peak3c/s=242 Wavelength=1375A	Qual=01 Qual= 1	Tot Cts=212 FePeak=20:53 Exp #=85313	Maxkev=102 FePeak.c/s=14 Rast=180"x180" Rast=30"x30"			XEN=906720 1.024s/pixel ", Yaw=+408"
Importance=C4 Qual=O1 Tot Cts=234 MaxkeV=102 Peakc/s=52 Qual=O1 Tot Cts=234 Rast=30"x30" Step=10" Pitch=-753", Yaw=+411" Wavelength=1375A Code=O0 Exp #=85320 Rast=30"x30" Step=10" Pitch=-753", Yaw=+411"  A10/110 Associated Event # = 10673		End times	SMM Pointing: HaClass=SF	N35E46 S15E68	AR5398	ріtch=-778", Yам Мас.=САО	v=+326",Rol Carr.Lon.	]=-20deg  =238deg	H.Ang=61deg H.Ang=67deg
#10/110 #10/110 Peakc/s=95 Qual=01 Tot Cts=184 MaxkeV=102 SMM Pointing: N35E46 Pitch=-778", Yaw=+326", Roll=-20deg H.Ang=61deg HaClass=SF N33E45 AR5395 Mac.=EKC Carr.Lon.=261deg H.Ang=59deg Peakc/s=133 Qual=03 Tot Cts=430 MaxkeV=144 Step=10" Pitch=-723", Yaw=+379" Wavelength=13/5A Exp #=85322 Rast=30"x30" Step=10" Pitch=-723", Yaw=+379"	00 E	2:41 2:34:21 eņsitų:	Importance=C4 Peakc/s=52 Wavelength=1375A III/1	ual=01 ual=01 ode=00	Tot Cts=234 Exp #=85320	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-753	;", Yaw=+411"
SMM Pointing: N35E46 Pitch=-778", Yaw=+326", Roll=-20deg times HaClass=SF N33E45 AR5395 Mac.=EKC Carr.Lon.=261deg Qual=03 Qual=03 Tot Cts=430 MaxkeV=144 Avelength=1375A Exp #=85322 Rast=30"x30" Step=10" Pitch=-723"	- 72	x(stu): 2:38:32	410/110 A Peakc/s=95	ociated ual=01	Event # = 10673 Tot Cts=184	MaxkeV=102	•	1	1
1 tlmes HaClass=SF N33E45 AR5395 Mac.=EKC Carr.Lon.=261deg Qual=03 46:58 Peakc/s=133 Qual=01 Tot Cts=430 MaxkeV=144 Wavelength=1375A Exp #=85322 Rast=30"x30" Step=10" Pitch=-723"	1		1	N35E46		Pitch=-778", Ya	w=+326", Ro	]]=-20deg	H.Ang=61deg
:46:58 Peakc/s=133 Qual=01 Tot Cts=430 MaxkeV=144 Wavelength=1375A Exp #=85322 Rast=30"x30" Step=10" Pitch=-723"		t me	aClass=S	N33E45	AR5395	Mac.=EKC	Carr.Lon	.=261deg	H.Ang=59deg
		:46:5	Peakc/s=133 Wavelength=1375	Qual=01		MaxkeV=144 Rast=30"x30"	Step=10"		3", Yaw=+379"

Event # = 10649 89/03/08,23:46 Start	D0Y=67	, + bon	SMM Pointing:	N35E46	1	Pitch=-778", Ya	,Yaw=+326'.Rol	. Roll=-20dea	
23:45:53 23:42	23:46:08 23:46 23:46	23:4	PeakC/s=44 CaPeak.c/s=51 Peak3.c/s=54	Qual=01 Qual=01 Qual= 1	Tot Cts=372 FePeak=23:43	MaxkeV=102 FePeak.c/s=10			XEN=906721
23:37 Sweeps	Type/I	Type/Intensity:		ď	Exp #=85325	Rast=420"x240" Rast=30"x30"	Step=15" Step=10"	Cad= 459s Pitch=-747	1.024s/pixel, Yaw=+345
33	23:41:55 Type/II	23:41:55 23:42:12 Type/Intensity:	Peakc/s=40 III/2	Associated Qual=01	Event # = 10675 Tot Cts=136	MaxkeV=102	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
52537				89/03/09	9 D0Y=68				
89/03/09,01:25 Start	D0Y=68 Peak	End times							
	01:25 01:26	01:28	CaPeak.c/s=20 Peak3c/s=130 Wavelength=1375A	Qual=00 Qual= 4	FePeak=01:25 Exp #=85334	FePeak.c/s=8 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-735"	XEN=906800 1.024s/pixel
Event # = 22538 89/03/09,01:41 Start	DOY=68 Peak	End times							100
01:36 (01:37	01:41 01:36	01:44	CaPeak.c/s=31 Peak3c/s=65 Wavelength=1375A	Qual=00 Qual= 1	FePeak=01:41 Exp #=85336	FePeak.c/s=10 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-724"	XEN=906801 1.024s/pixel Yaw=+349"
Event # = 10650 89/03/09,01:54 [ Start F	D0Y=68 Peak	End times	SMM Pointing:	N35E45		Pitch=-776", Yaw=+316", Roll=-20deg	=+316", Roll		H.Ang=60deg
01:49:08 001:50	01:49:43 01:54 01:58		Peakc/s=156 CaPeak.c/s=73 Peak3c/s=239	Qual=00 Qual=01 Qual= 1	Cts=3943 ak=01:54	MaxkeV=144 FePeak.c/s=13 Rast=420"x240"	#Peaks=1 Sten=15"	dt= 3.8s )	(EN=906819
luency	Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):		wavelength=1375A III/3 410/140		Exp #=85338	Rast=10"x10"		pitch=-704"	1.024s/p1xel ',Yaw=+399"
Event # = 10651 89/03/09,01:57 D Start P	DOY≈68 Peak E		SMM Pointing:	N35E45		Pitch=-776", Yaw=+316", Roll=-20deg	:+316", Roll=		H.Ang=60deg
01:57:45 0 01:50	01:57:50 0	01:58:07	Peakc/s=42 Wavelength=1375A	Qual=00 Qual=01 E	Tot Cts=105 Exp #=85338	MaxkeV=102 Rast=10"x10"	Step=0" F	Pitch=-704", Yaw=+399	Yaw=+399"
					The second secon				

					_
H.Ang=59deg H.Ang=60deg XEN=906802 1.024s/pixel ", Yaw=+384"	H.Ang=59deg H.Ang=58deg XEN=906803 1.024s/pixel ", Yaw=+362"	XEN=906804 1.024s/pixel ', Yaw=+308"	H.Ang=59deg ", Yaw=+321"	H.Ang=55deg H.Ang=55deg XEN=906805 1.024s/pixel ", Yaw=+320"	H.Ang=54deg XEN=906806 1.024s/pixe1
=-20deg 255deg S Gd= 3.8s Cad= 459s Pitch=-738	,Roll=-20deg	dt= 7.7s XE Cad= 459s 1. Pitch=-763",	,Roll=-20deg	,Roll=-20deg Lon.*262deg s=1 dt= 3.8s 15" Cad* 459s 0" Pitch=-731"	.=262deg dt= 7.7s Cad= 332s Pitch=-711"
,Yaw=+304",Roll; Carr.Lon.=: Flags=M5,F Flags=M5,F Flags=15: A0" Step=15: Step=15: 13	, Yaw=+304", Roll Carr.Lon.= Flags=FS 43 #Peaks=2 80" Step=10" Step=0"	#Peaks=1 Step=15" Step=5"	,Yaw=+304",Rol	=+294" Carr. #Peak Step= Step=	Carr.Lon.=262deg #Peaks=3 dt= 7. Step=10" Cad= 3 Step=0" Pitch=
Pitch=-773" Mac.=EKC MaxkeV=320 FePeak.c/s= Rast=420"x2 Rast=10"x10	Pitch=-773", Yaw Mac.=EKC MaxkeV=231 FePeak.c/s=43 Rast=180"x180" Rast=10"x10"	FePeak.c/s=7 Rast=420"x240" Rast=265"x265"	Pitch=-773", Yav MaxkeV=102 Rast=10"x10"	Pitch=-771", Yaw Mac.=EKC MaxkeV=144 FePeak.c/s=16 Rast=420"x240" Rast=10"x10"	Mac.=EKC FePeak.c/s=8 Rast=180"x180" Rast=10"x10"
4 AR5395 01 Tot Cts=1.01E+5 1 FePeak=02:45 00 Exp #=85341 2695/24 4995/30 8800	AR5395 Tot Cts=60304 FePeak=03:13 Exp #=85345	FePeak=04:13 Exp #=85348	Tot Cts=188 Exp #=85350	AR5395 Tot Cts=1038 FePeak=04:34 Exp #=85352	FePeak=04:52 Exp #=85354
35E4 130E4 14a1= 14a1= 14a1= 20de=	N35E44 N29E47 Qual=01 Qual= 1 Qual= 1 Code=00	Qual=00 Qual= 5	N35E44 Qual=00 Qual=01	N35E43 N31E41 Qual=00 Qual=01 Qual= 4	N30E41 Qual=00 Qual= 1 A
SMM Pointing: N HaClass=2N Importance=M2 PeakC/s=2583 CaPeakC/s=3154 Wavelength=1375A III/3 III/3	SMM Pointing: HaClass=1B Importance=C6 Peakc/s=742 CaPeak.c/s=252 Peak3c/s=1138 Wavelength=1375A	CaPeak.c/s=37 Peak3c/s=127 Wavelength=1375A	SMM Pointing: Peakc/s=54 Wavelength=13/5A	SMM Pointing: HaClass=SF Peakc/s=137 CaPeak.c/s=51 Peak3c/s=140 Wavelength=1375A	HaClass=SF CaPeak.c/s=33 Peak3c/s=11 Wavelength=1375A
times 3:33 11 ity:	End times 03:21 03:24:18 03:29	End times 04:16	End times 8 04:20:11	End times 3 04:33:57 04:40	End times 05:08
DOY=68 Peak 02:46 02:41:52 02:45 02:45 02:49 Type/I1	DOY=68 Peak 03:18 03:12:59 03:14 03:17	DOY=68 Peak 04:13 04:16	D0Y=68 Peak 0 04:19:58	DOY=68 Peak 04:33:2 04:34 04:38	0 D0Y=68 Peak 04:53 04:52
Event # = 10659 89/03/09,02:46 D0Y=68 Optical GDES 02:38 02:46 02:56 HXRBS 02:38:00 02:41:52 02:55 BCS 02:38 02:45 03:07 FCS 02:43 Type/Intens Radio Sweeps Type/Intens	Event # = 10660 89/03/09,03:18 Start Optical GOES 03:09 HXRBS 02:59:07 BCS 03:02 FCS	25539 3/09,04:13 5tart 04:13	Event # = 10661 89/03/09,04:19 Start GOES HXRBS 04:19:50 UVSP 04:16	Event # = 10662 89/03/09,04:34 Optical GOES HXRBS 04:33:12 BCS 04:34 FCS 04:30	t # = 22540 3/09.04:53 Start cal 04:48
Event # 89/03/0 0ptical 60ES HXRBS BCS FCS UVSP Radio S	Event # 89/03/09 89/03/09 0ptical GOES HXRBS ECS FCS UVSP	Event 89/03/ 60ES BCS FCS UVSP	Event 89/03/ GOES HXRBS UVSP	Event 89/03/ 0ptica 60ES HXRBS RCS FCS FCS UVSP	Event 89/03 89/03 0ptic 60ES 8CS FCS UVSP

H.Ang=58deg	Ŧ	721", Yaw=+348"	H.Ang=58deg	v	0s 1.024s/pixel 739", Yaw=+367"	H.Ang=58deg	Pitch=_739",Yaw=+365"	H.Ang=58deg		H.Ang=58deg	39", Yaw=+365"	H. Ang=58deg	32". Yaw=+360"	H.Ang=58deg	XFN=906808	s 1.024s/pixel 32", Yaw=+358"
, Roll=-20deg	Carr.Lon.*262deg	' Pitch=-721"	, Roll=-20deg		)" Cad= 590s 1 Pitch=-739",	, Roll=-20deg		o]]=-20deq	Pitch=-739"	, Roll=-20deg	Pitch=-739"	, Roll=-20deg	' Pitch=-732"			Cad= 332s 1 Pitch=-732",
, Yaw=+294", F	Carr. Lo	Step=0"	, Yaw=+294", F	#Peogra	0" Step=10" Step=0"	, Yaw=+294", R	F]ags=ND Step=0"	, Yaw=+294", Rol]=-20deg	Step=0"	, Yaw=+283", Ro	Step=0"	, Yaw=+283", Rc	Step=10"	, Yaw=+283", Ro		" Step=10" Step=10"
Pitch=-771",	Mac.=DAI	MaxkeV=144 Rast=10"x10"	Pitch=-771",	MaxkeV=102 FePeak.c/s=7	Rast=240"x240" Rast=10"x10"	Pitch=-771",	MaxkeV=144 Rast=10"x10"	Pitch=-771",	MaxkeV=102 Rast=10"x10"	Pitch=-768",	MaxkeV=102 Rast=10"x10"	Pitch=-768", y	MaxkeV=102 Rast=30"x30"	Pitch=-768",Y	MaxkeV=144 FePeak.c/s=27	Rast=180"x180" Rast=30"x30"
	AR5394	Tot Cts=6848 Exp #=85356		Tot Cts=322 FePeak=06:10	Exp #=85361		Tot Cts=859 Exp #=85363		Tot Cts=122 Exp #=85363		Tot Cts=164 Exp #=85363		Tot Cts=79 Exp #=85368		Tot Cts=5689 FePeak=07:52	Exp #=85370
N35E43	\$34E41	Qual=01 Qual=01 A Code=00	N35E43	Qual=00 Qual=01 Qual= 4		N35E43	Qual=00 Qual=01	N35E43	Qual=00 Qual=01	N35E42	Qual=00 Qual=01	N35E42	Qual=00 Qual=01	N35E42	Qual=01 Qual=01 Qual= 1	Code=00
SMM Pointing:	HaClass=1N	Peakc/s=76 Wavelength=1375/	SMM Pointing:	Peakc/s=53 CaPeak.c/s=34	Wavelength=1375A	SMM Pointing:	Peakc/s=98 Wavelength=1375A	SMM Pointing:	Peakc/s=47 Wavelength=1375A	SMM Pointing:	Peakc/s=45 Wavelength=1375A	SMM Pointing:	Peakc/s=43 Wavelength=1375A	SMM Pointing:	Importance=C4 Peakc/s=117 CaPeak.c/s=141	Wavelength=1375A
End times		05:02:13	Fnd times	06:1 06:4		End times	06:2	ng +	25:11	End times	$\sim$	End times	35:44	Fnd times	07:58 07:57:38 08:16	
3 D0Y=68 Peak	05:04	1 04:58:11	2 00Y=68 Peak	9 06:18:05 06:10		1 D0Y=68 Peak		D0Y=68	06:24:52	D0Y=68 Peak	06:27:47	D0Y=68 Peak	07:35:36	00Y=68 Peak	07:53 07:50:56 07:52	7:45 Frequency(MHz)/Flux(sfu)
Event # = 10663 89/03/09,05:04 Start	cal 04:52	04:51:21 04:57	Event # = 10652 89/03/09,06:10 Start	06:17:59 05:50	06:03	Event # = 10653 89/03/09,06:20 Start	06:20:52 06:16	Event # = 10654 89/03/09,06:24 Start	06:24:48 06:16	Event # = 10655 89/03/09,06:27 Start	06:27:26 06:16	Event # = 10656 89/03/09,07:35 Start	07:35:26 07:24	# = 10657 09,07:53 Start	GOES 07:50 HXRBS 07:44:16 ( BCS 07:32 (	07:45 Frequence
Event 89/03	Optica GOES	HXRBS UVSP	Event 89/03	GOES HXRBS BCS BCS	UVSP	Event 89/03,	GOES HXRBS UVSP	Event 89/03/	GOES HXRBS UVSP	Event 89/03/	GOES HXRBS UVSP	Event 89/03/	GOES HXRBS UVSP	Event 89/03/	GOES HXRBS BCS FCS	UVSP Radio

0 = # +cc.	10658						11.0		20003-000
89/03/09,08:05	:05 DOY=68	+ + + + + + + + + + + + + + + + + + +	SMM Pointing:	N35E42		Pitch=-/68", Yaw	, Yaw=+285", Koll=-20uey		Sand-Sale
Start GOES HXRBS 08:04:37 UVSP 08:05		t2 08:07:32	Peakc/s=62 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1601 Exp #=85372	MaxkeV=102 Rast=30"x30"	Step=10" F	Pitch=-732"	, Yaw=+351"
Event # = 10664 89/03/09,09:53	0664 :€3 DOY=68 Peak	End times	SMM Pointing:	N35E41		Pitch=-766",Yaw	, Yaw=+273", Roll:	, Roll=-20deg	H.Ang=57deg
GOES HXRBS 09:03: UVSP 08:56	3:18 09:03:43 6	13 09:03:53	Peakc/s=56 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=345 Exp #=85375	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-710"	, Yaw=+346"
Event # = 10665	0665 225 DOY=68		SMM Pointing:	N35E41		Pitch=-766",Yaw	, Yaw=+273", Roll	, Roll=-20deg	H.Ang=57deg
Optical	t Peak	End times	Class=SF	N32E40	AR5395	Mac.=EKC	Carr.Lon.=260deg	260deg	H.Ang=55deg
GOES HXRBS 09:25: UVSP 09:17	18 09:25	:28 09:28:52	Peakc/s=89 Wavelength=1375A	Qual=01	Tot Cts=1356 Exp #=85377	MaxkeV=144 Rast=30"x30"	Step=10"	Pitch=-725"	', Yaw=+339"
Event # = 10666	0666 1.42 DOY=68	~	SMM Pointing:	N35E41		Pitch=-766", Yaw	, Yaw=+273", Roll	, Roll=-20deg	H.Ang=57deg
Optical	t Peak	End times	HaClass=SF	N32E40	AR5395	Mac.=EKC	Carr.Lon.=260deg	=260deg	H.Ang=55deg
GOES HXRBS 09:34: BCS 09:04 FCS 09:04	09:34:58 09:44:32 09:04 09:42 09:43	:32 09:45:12 09:49	Peakc/s=52 CaPeak.c/s=87 Wavelength=2788A	Qual=00 Qual=01 Qual= 1	Tot Cts=1424 FePeak=09:41 Exp #=85378	MaxkeV=102 FePeak.c/s=11 Rast=180"x180" Rast=180"x1"	#Peaks=2 Step=10" Step=0"	dt= 7.7s ) Cad= 332s Pitch=-630"	XEN=906820 1.024s/pixel ",Yaw=+196"
Event # = 10667 89/03/09,10:27	10667 0:27 DOY=68		SMM Pointing:	N35E40		Pitch=-763",Ya	, Yaw=+263", Roll	,Roll=-20deg	H.Ang=56deg
GOES HXRBS 10:2 UVSP 10:3 Radio Fre	rt Peak 26:31 10:27:23 34 equency(MHz)/Fl	<pre>Start Peak End times 10:26:31 10:27:23 10:27:51 10:34     Frequency(MHz)/Flux(sfu):</pre>	Peakc/s=35 Wavelength=2788A 1415/40 2695/34	Qual=00 Qual=01 995/53	Tot Cts=241 Exp #=85380 8800/48	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-755"	", Yaw=+275"
Event # = 10668 89/03/09,10:31	10668 0:31 DOY=68	Fod + im	SMM Pointing:	N35E40		Pitch≖-763",Ya	,Yaw=+263",Roll=-20deg	]=-20deg	H.Ang≕56deg
GOES HXRBS 10: UVSP 10: Radio Fr	10:30:05 10:31:04 10:32 10:34 Frequency (MHz)/Flux(sf	:43 u):	Peakc/s=37 ( Wavelength=2788A 245/650	Qual=00 Qual=01	Tot Cts=600 Exp #=85380	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-755"	;", Yaw=+275"
Event # = 89/03/09,1	t # = 10669 3/09,10:35 00Y=68	85	SMM Pointing:	N35E40		Pitch=-763",Ye	, Yaw=+263", Rol	, Roll=-20deg	H.Ang=56deg
GOES HXRBS 10: UVSP 10:	Start Peak 10:34:12 10:35 10:34	80	Peakc/s=52 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=275 Exp #=85380	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-755"	5", Yaw=+275"

		083s 2.048s/pixel=-755", Yaw=+275"		Pitch=-755", Yaw=+275"	H.Ang=56	=-755", Yaw=+275"	H.Ana=47dea	<b>=</b>	7s XFN=906810	.567", Yaw=-23"	H.Ang=47deg			g H.Ang=55deg	H.Ang=52deg		90s 1.024s/pixel -621", Yaw=+163"	
	#Peaks=2	Step=5" Cad=1083s Step=3" Pitch=-755	, Yaw=+263", Roll=-20deg	Step=3"	, Yaw=+263", Roll=-20deg	Step=3" Pitch	, Yaw=+46", Roll=-20deq	Carr.Lon.=258deg	Flags≖SN #Peaks=1	Step=15" Cad= 459s Step=0" Pitch=-567"	, Yaw=+46", Roll=-20deg	Step=0" Pitch=-565"		, Yaw=+239", Roll=-20deg	Carr.Lon.=259deg	Flags=M5 #Peaks=3	Step=10" Cad= 590s Step=0" Pitch=-621	
	FePeak.c/s=10	Rast=115"x115" Rast=243"x243"	Pitch=-763", Ya	MaxkeV=144 Rast=243"x243"	Pitch=-763", Ya	MaxkeV=102 Rast=243"x243"	Pitch=-703", Yaw	Mac.=EKC	MaxkeV=187 FePeak.c/s=29	Rast=420"x240" Rast=180"x1"	Pitch=-703", Yaw	MaxkeV=144 Rast=180"x1"	ACCOUNTS OF THE PROPERTY OF TH	Pitch=-755",Yaw	Mac.=EKC	7 MaxkeV=630 FePeak.c/s=7028	Rast=240"x240" Rast=180"x1"	0 15400/240
	0 4 FePeak=10:35	Exp #=85380		0 1 Tot Cts=474 Exp #=85380		)   Tot Cts=190   Exp #=85380		AR5395	Tot Cts=5735 FePeak=13:37	Exp #=85384 4995/68 8800/59		Tot Cts=632 Exp #=85385			AR5395	Tot Cts=1.54E+7 FePeak=15:40	Exp #=85387	4995/110 8800/170
	Qual≈00 Qual= 4	8A	N35E40	Qual=00 Qual=01 8A	N35E40	Qual=00 Qual=01 3A	N35E21		Qua]=12 Qua]= 4		N35E21	Qual=00 Qual=01	00/00/01	N35E37	N30E38 0ual=03	0 Qual=01 Qual= 1	⋖	695/80
	CaPeak.c/s=78	Wavelength=2788A	SMM Pointing:	Peakc/s=60 Wavelength=2788A	SMM Pointing:	Peakc/s=42 Wavelength=2788A	SMM Pointing:	HaClass=1N Importance=M2	Peakc/s=222 CaPeak.c/s=261	Wavelength=2788A 245/590 410/76 606/130	SMM Pointing:	Peakc/s=54 Wavelength=2788A 4995/74 8800/70 1		SMM Pointing:	HaClass=4B Importance=X4	CaPeakC/s=40100	Feak3C/S=12 Wavelength=2788A 111/2 0/3	110/340 606/310
End times	11:22		End times	10:48:07	End times	11:05:59	Fnd + imag	2	13:34:12 14:29	lux(sfu):	End times	) <sub>m</sub> .	.	End times		15:45:16 16:02		
2 D0Y=68 Peak	10:36		) 00Y=68 Peak	10:47:08	D0Y=68 Peak	11:05:28	DOY=68 Peak	13:45	13:31:13 13:37	; ₹	00Y=68 Peak	13:52:27 cv(MHz)/F1		DOY=68 Peak	15:38	15:35:55 15:41 15:20	13.63 Tvne/In	Frequency (MHZ)/Flux(sfu)
Event # = 22542 89/03/09,10:36 Start	10:24	10:34	Event # = 10670 89/03/09,10:47 Start	10:46:51	Event # = 10671 89/03/09,11:05 Start	11:05:16 10:34	Event # = 10677 89/03/09,13:45 Start	al 13:02	13:30:04 13:30	1	Event # = 10678 89/03/09,13:52 Start	13:51:59 14:22 Frequenc	# = 10681	89/03/09,15:38 Start	5:23	15:16:40 15:04	15:56 Sweeps	Frequenc
Event 89/03	BCS PCS	UVSP	Event 89/03	GOES HXRBS UVSP	Event 89/03	HXRBS UVSP	Event 89/03	Optical GOES	HXRBS BCS FCS	UVSP Radio	Event 89/03/	GOES HXRBS UVSP Radio	Event	89/03/	Optica GOES	HXRBS BCS T	UVSP Radio	Radio

BCS 16:02 FCS	16:02	16:03	A CaPeak.c/s=227	Associated Qual= 5	Event # = 22543 FePeak=16:02	FePeak.c/s=29 Rast=0"x0"	#Peaks=1 (Step=0"	dt= 7.7s Cad=3840s	xen=906812 3840s/pixel
Event # = 10679 89/03/09,16:42 Start	D0Y=68 Peak	End times	SMM Pointing:	N35E37	0000	Pitch=-754", Yaw	, Yaw=+228", Roll=-20de	, Roll=-20deg	H.Ang=54deg H.Ang=18deg
Optical GOES HXRBS 16:42:09 UVSP 16:46	16:42:30		HaClass=SF Peakc/s=46 Wavelength=1375A	N10E04 Qual=00 Qual=01	AK5399 Tot Cts=120 Exp #=85389	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-746"	', Yaw=+241"
Event # = 10680 89/03/09,16:55	D0Y=68		SMM Pointing:	N35E37		54"	,Yaw=+228",Roll	, Roll=-20deg	H.Ang=54deg
Start Optical GOES HXRBS 16:55:44	Peak 16:55:56	End times 16:56:51	HaClass=SF Peakc/s=72 Wavelength=1375A	N31E37 Qual=00 Qual=01	AR5395 Tot Cts=705 Exp #=85391	Mac.=EKC MaxkeV=102 Rast=30"x30"	Carr.Lon.= Step=10"	=259deg 	н.Ang=52uey ", Yaw=+269"
Event # = 1068.	300-68		CMM Pointing:	N35E37		Pitch=-754", Yaw	, Yaw=+228", Roll	, Roll=-20deg	H.Ang=54deg
89/03/09,1/:00 Start Optical	Peak	End times	Ha.	N31E37	AR5395	Mac.=EKC	Carr.Lon.=259deg	=259deg	H.Ang=52deg
99	5 16:58:31 17:00	1 16:59:39 17:36	Peakc/s=45 CaPeak.c/s=203	Qual=00 Qual=01 Qual= 4	Tot Cts=738 FePeak=16:59 Exn #=85391	MaxkeV=102 FePeak.c/s=37 Rast=240"x240" Rast=30"x30"	#Peaks=2 Step=10" Step=10"	dt= 7.7s Cad= 590s Pitch=-704"	XEN=906813 1.024s/pixel ",Yaw=+269"
UVSP 16:50			-						
Event # = 10684 89/03/09,17:18 Start	4 D0Y=68 Peak	End times	SMM Pointing:	N35E37		Pitch=-754",Yav	, Yaw=+228", Roll=-20deg	1=-20deg	H.Ang=54deg
GOES HXRBS 17:17:4 UVSP 17:11 Radio Freque		1 17:19:50 Flux(sfu):	Peakc/s=262 Wavelength=1375A 2695/59 4995/65	Qual=00 Qual=01	Tot Cts=3580 Exp #=85393	MaxkeV=187 Rast=30"x30"	Step=10"	Pitch=-699	Pitch=-699", Yaw=+262"
Event # = 10685 89/03/09,18:16	5 00Y=68 Peak	End times	SMM Pointing:	N35E37		Pitch=-754",Ya	,Yaw=+228",Rol	,Roll=-20deg	H.Ang≕54deg
GOES HXRBS 18:15:2 UVSP 18:16 Radio Freque	:2 18:16:45 ency(MHz)/F1		Peakc/s=43 Wavelength=1375A 245/1000 410/60 2	Qual=00 Qual=01 5A ) 2695/3	Tot Cts=832 Exp #=85397	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-74	Pitch=-742",Yaw=+211"
Event # = 10686 89/03/09,18:32	36 2 DOY=68	eni + puu	SMM Pointing:	N35E36		Pitch=-751",Ya	, Yaw=+218", Rol	, Roll=-20deg	H.Ang=54deg
Start GOES HXRBS 18:29:4 BCS 18:11 FCS UVSP 18:16	:43 18:30:20 18:32	18:3 19:0	Peakc/s=57 CaPeak.c/s=287 Wavelength=1375A	Qual=00 Qual=01 Qual= 4 5A	Tot Cts=1017 FePeak=18:31 Exp #=85397	MaxkeV=102 FePeak.c/s=49 Rast=180"x180" Rast=30"x30"	#Peaks=2 Step=10" Step=10"	dt= 7.7s Cad= 332s Pitch=-742"	XEN=906814 1.024s/pixel 2", Yaw=+211"

Event 89/03/	Event # = 10687 89/03/09,18:47 Start	007=68 Peak	End times	SMM Pointing:	N35E36		Pitch=-751", Yaw=+218", Roll=-20deg	w=+218", Ro]	]=-20deg	H.Ang=54deg
GOES HXRBS UVSP Radio	18:46:56 18:37 Frequen	: 18:47:2 cy(MHz)/	18:46:56 18:47:29 18:48:23 18:37 Frequency(MHz)/Flux(sfu):	Peakc/s=72 Wavelength=1375 245/2100	Qua]=00 Qua]=01 A	Tot Cts=1128 Exp #=85399	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-76	Pitch=-762", Yaw≖+214"
Event 89/03/	Event # = 10688 89/03/09,19:00 Start	D0Y=68 Peak	End times	SMM Pointing:	N35E36		Pitch=-751", Yaw=+218", Roll=-20deg	W=+218", Rol	1=-20deg	H.Ang=54deg
HXRBS UVSP Radio	19:00:43 19:00 Frequence	19:00:4 cy(MHz)/	19:00:43 19:00:49 19:01:11 19:00 Frequency(MHz)/Flux(sfu):	Peakc/s=46 Wavelength=1375A 245/400	Qua]=00 Qua]=01	Tot Cts=199 Exp #=85401	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-76]	Pitch=-761",Yaw=+222"
89/03/(	Event # = 22544 89/03/09,19:28 Start Ontical	D0Y=68 Peak	End times	=						
GOES GOES 1 BCS 1	19:22 19:44	19:28 19:45	19:51 20:13	HaClass=18 Importance=M1 CaPeak.c/s=208	N34E36 Qua}=05 Qual= 5	AR5395 FePeak=19:45	Mac.=EKC FePeak.c/s=10		=259deg dt= 3.8s	H.Ang≈53deg XFN=906815
UVSP Radio	19:46 Frequenc	.) (MHz) /∶	19:46 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 1415/88 2695/220	4995/310		Rast=420"x240" Exp #=85402 Rast=265"x265" 8800/490 15400/640	Step=15" Step=5"	Cad= 459s 1 Pitch=-742",	1.024s/pixel ", Yaw=+224"
Event # 89/03/0	Event # = 10689 89/03/09,20:26 Start	DOY=68	Fod +	SMM Pointing:	N35E35		Pitch=-748", Yaw=+208"	-+208", Roll	, Roll≖-20deg	H.Ang=53deg
Optical GOES		<u> </u>		HaClass=SF	S35E40	AR5394	Mac.=DAI	Carr. Lon. =254deq	-254deq	H.Ana=46dea
HXRBS BCS FCS	20:20:15 20:21	20:20:19 20:26	9 20:20:30 20:31	Peakc/s=50 CaPeak.c/s=29	Qual=00 Qual=01 Qual= 4	Tot Cts=148 FePeak=20:21	MaxkeV=102 FePeak.c/s=14	#Peaks≖1	dt= 7.7s	XEN=Q06816
	20:11 Frequenc	y (MHz)/F	O:11 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 410/560		Exp #=85406	Rast=240"x240" Rast=30"x30"	Step=10" Step=10"	Cad= 590s 1 Pitch=-759",	1.024s/pixel ", Yaw=+210"
Event # 89/03/0	Event # = 10690 89/03/09,21:20 Start	D0Y=68 Peak	End times	SMM Pointing:	N35E35		Pitch=-748", Yaw=+208", Roll=-20deg	=+208", Roll	=-20deg	H. Ang=53deg
<u></u>			;	HaClass=SF	N33E33	AR5395	Mac.=EKC	Carr.Lon.=261deg	261deg	H.Ang=51deg
HXRBS UVSP Radio	21:20:34 21:20:52 21:22:3: 21:20 Frequency(MHz)/Flux(sfu)	21:20:52 y(MHz)/F		Peakc/s=56 Wavelength=1375A 410/300	Qual=01	Tot Cts=1090 Exp #=85409	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-740", Yaw=+215	', Yaw=+215"
	2	00Y=68 Peak	End times	SMM Pointing:	N35E35		Pitch=-748", Yaw=	, Yaw=+208", Roll=-20deg	=-20deg	H.Ang≖53deg
HXRBS 2	21:51:10 2 21:45	21:51:43	21:53:51	Peakc/s=41 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=465 Exp #=85413	MaxkeV=102 Rast=30"x30"	Step=10" F	Pitch=-757",Yaw=+205"	, Yaw=+205"

Event # = 10691 89/03/09,21:54	1 D0Y=68		SMM Pointing:	N35E35		Pitch=-748", Yaw=+208", Roll=-20deg	=+208", Roll=		H.Ang=53deg
XRB CS VSP		End times 21:37:14 22:06	Peakc/s=160 (aPeak.c/s=96 Wavelength=1375A	Qual=00 Qual=01 Qual= 1	Tot Cts=543 FePeak=21:54 Exp #=85413	MaxkeV=144 FePeak.c/s=17 Rast=180"x180" Rast=30"x30"	#Peaks=2 c Step=10" ( Step=10" F	dt= 7.7s Cad= 332s Pitch=-757"	XEN=906817 1.024s/pixe1 ",Yaw=+205"
Event # = 10693 89/03/09,21:58 Start GOES HXRBS 21:58:18 HXRBS 21:58:18	DOY=68 Peak : 21:58:2	End times 3 21:58:35	SMM Pointing: Peakc/s=48 Wavelength=1375A	N35E34 Qual=00 Qual=01	Tot Cts=152 Exp #=85413	Pitch=-746", Yaw=+198", Roll=-20deg MaxkeV=102 Rast=30"x30" Step=10" Pitch=-	=+198", Roll: Step=10" (	=-20deg H.Ang=53d Pitch=-757",Yaw=+205	H.Ang=53deg ,Yaw=+205"
t 3/(cai	0 D0Y=68 Peak Peak :8 22:57:31	End times 22:57:38	ointing: Class=SF c/s=53 ength=1375A	N35E34 N33E47 Qual=00 Qual=01	AR5397 Tot Cts=102 Exp #=85418	Pitch=-746", Yaw Mac.=CSO MaxkeV=102 Rast=30"x30"	,Yaw=+198",Roll=-20de Carr.Lon.=246deg ". Step=10" Pitch=	,Roll=-20deg t Lon.=246deg I 10" Pitch=-720"	H.Ang=53deg H.Ang=60deg ', Yaw=+214"
Event # = 10694 89/03/09,23:21 Start Optical GOES 23:10 HXRBS 23:07:12 BCS 22:52 FCS 23:18 UVSP 23:18 Radio Frequenc	= 10694 Start DOY=68 23:10 23:21 23:31 23:07:12 23:13:04 23:26:11 22:52 23:20 23:42 23:18 Frequency (MHz)/Flux(sfu)	\$ 2	MM Pointing: HaClass=1B Importance=M1 Peakc/s=1111 CaPeak.c/s=851 Wavelength=1379 410/62 606/38	N35E34 N31E32 Qual=04 Qual=1 Qual= 1 Code=00 95/37 4999	AR5395 Cts=1. ak=23: #=8542 8800/1	Pitch=-746" Mac.=EKC MaxkeV=274 FePeak.c/s=Rast=30"x3(400/340	198", Rol 'arr.Lon. lags=M5 Peaks=2 Peaks=2 Step=10"	,Roll=-20deg H. Lon.=261deg H. =M5	H.Ang=53deg H.Ang=49deg XEN=906818 1.024s/pixel ", Yaw=+211"
HXRBS 23:04:0	1:00 23:04:18	. ~	37.	oual=01	Tot Cts=19 Exp #=8541	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-720"	", Yaw=+214"
Event # = 10712 89/03/09,23:54 DOY=68 Start Peak End times GOES 23:34 23:54 00:23 HXRBS 23:33:04 23:33:44 23:42:58 UVSP 23:39 Radio Frequency(MHz)/Flux(sfu):	12 4 DOY=68 Peak 23:54 04 23:33:4 ency(MHz)/	End times 00:23 44 23:42:58 /Flux(sfu):	SMM Pointing: NIMPortance=M2 (Pakc/s=422 (Mavelength=1375A (245/670 15400/85)	<b>₩</b> ~~~	Tot	Pitch=-746" MaxkeV=187 Rast=30"x30	, Yaw=+198", Rol Step=10"	,Roll=-20deg H	H.Ang=53deg ", Yaw=+179"
Event # = 10695 89/03/10,00:37 Start GOES HXRBS 00:37:36 UVSP 00:29 Radio Frequenc	= 10695 0,00:37 DOY=69 Start Peak 00:37:36 OO:37:58 Frequency(MHz)/F	= 10695 ,00:37 DOY=69 tart Peak End times 0:37:36 00:37:58 00:38:24 0:29 Frequency(MHz)/Flux(sfu):	SMM Pointing: s Peakc/s=241 Wavelength=1375A 606/23 15400/100	89/03/11 N35E33 Qual=01 Qual=01 0	Tot Cts=2355 Exp #=85425	Pitch=-743", Ya MaxkeV=187 Rast=30"x30"	,Yaw=+188",Roll:	]=-20deg	=-20deg H.Ang=52deg Pitch=-673", Yaw=+199"

Harchings   Harc	)Y=69 Jee	SMM Pointing:	N35E33		Pitch=-743", Yaw	, Yaw=+188", Roll	=-20dea	H.Ana=52dea
### Gast=180	u r	HaClass=SF	N27E32	AR5395		Carr.Lon.≖	259deg	H.Ang=46deg
Have length=1375	 	Peakc/s=62 CaPeak.c/s=314	Qual=03 Qual=01 Qual= 3	72	MaxkeV=102 FePeak.c/s=50	#Peaks=3	dt= 7.7s	XEN=906900
2:04 Wavelength=1375A Qual=01 Tot Cts=420 Rask=9.14	fu) :	Wavelength=1375/ 245/2400 410/180	A Code=00		Rast=180"x180" Rast=30"x30"	Step=10" Step=10"	Cad= 332s Pitch=-676	1.024s/pixel ,Yaw=+225"
3.49 PeekC/s = 49 Qual=01 Tot Cts = 10697 Wavelength=1375A  SMM Pointing: N35532  SMM Pointing: N35531  SMM Pointing: N35531  A85395  Hac.=EKC  Carr.Lon.=260deg H.Ang=52deg  H.Ang=51deg  H.Ang=61deg  H.A	:04	Peakc/s=67 Wavelength=1375	Associated Qual=01	Event # = 10696 Tot Cts=650 Exp #=85427	MaxkeV=144 Rast=30"x30"	Step=10"	Pitch:	Yaw=+107
SMM Pointing: N35E32    Maxevalor	01:09:49	P Peakc/s=49 Wavelength=1375A	Associated Qual=01	Event # = 10697 Tot Cts=432 Exp #=85427	MaxkeV=102 Rast=30"x30"	ep=10"	Pitch=-687	, 'aw-13/ , Yaw=+197"
Importance=C3	Fod + im	Pointing	N35E32		Pitch=-739", Yaw	=+175", Roll:	=-20deg	H.Ang=52deg
SMM Pointing: N35E32  Qual=01  142 Peakc/s=68 Qual=01  Tot Cts=245 Maxkev=102  Wavelength=1375A  HaClass=5F  Mac.=EKC  Tot Cts=6622  Maxkev=231  Capeak.c./s=335 Qual=01  Tot Cts=66622  Maxkev=231  Capeak.c./s=335  Wavelength=1375A  Capeak.c./s=335  Wavelength=1375A  Capeak.c./s=335  Maxkev=130"x30"  Step=10"  Pitch=-77s  Rast=180"x180"  Step=10"  Pitch=-77s  Pitch=-714  Maxkev=102  Wavelength=1375A  Pitch=-712"  SMM Pointing: N35E31  Pitch=-737", Yaw=+165", Roll=-20deg  Maxkev=102  Wavelength=1375A  Pakc/s=50 Qual=01  Tot Cts=187  Maxkev=102  Wavelength=1375A  Rast=10"x10"  Step=0"  Pitch=-712"	02:20 02:05:0 ntensity lux(sfu)	ortance=C3 kc/s=45 elength=137 /3	Qual=01 Qual=01 Code=00 15400/1	Tot Cts=677 Exp #=85432	MaxkeV=102 Rast=30"x30"		Pitch=-715"	, Yaw=+255"
Qual=01	-	Pointing	N35E32		Pitch=-739", Yaw	· ·		-52d
SMM Pointing: N35E32 Pitch=-739", Yaw=+175", Roll=-20deg  HaClass=SF N34E31 AR5395 Mac.=EKC Carr.Lon.=260deg  Importance=M1 Qual=03  CaPeakC/s=835 Qual=01  CaPeak.c/s=1231 Qual=01  CaPeak.c/s=1231 Qual=01  CaPeak.c/s=353 #Peaks=2 dt= 7.7s  Rast=180"x180" Step=10" Cad= 332s  Ly: V/3  SMM Pointing: N35E31 Pitch=-737", Yaw=+165", Roll=-20deg  Qual=00 Qual=01  Capeak.c/s=50 Qual=01  Capeak.c/s=50 Qual=01  Capeak.c/s=50 Qual=01  Capeak.c/s=50 Qual=01  Capeak.c/s=353 #Peaks=2 dt= 7.7s  Rast=180"x180" Step=10" Pitch=-714"  Pitch=-737", Yaw=+165", Roll=-20deg  Rast=10"x10" Step=0" Pitch=-712"  SAMP Pointing: Rast=10"x10" Step=0" Pitch=-712"  Capeak.c/s=50 Qual=01  Capeak.c/s=50 Qual=01  Capeak.c/s=50 Qual=01  Capeak.c/s=353 #Peaks=2 dt= 7.7s  Capeak.c/s=360 Cad= 332s  Capeak.c/s=360	: 25	eakc/s≖68 avelength=137			MaxkeV=102 Rast=30"x30"		oitch=-714"	,Yaw=+253
HaClass=SF N34E31 AR5395 Mac.=EKC Carr.Lon.=260deg Importance=M1 Qual=03 Tot Cts=66622 Maxkev=231 CaPeak.c/s=1231 Qual=01 Tot Cts=66622 Maxkev=231 CaPeak.c/s=1231 Qual=01 Tot Cts=66622 Maxkev=231 CaPeak.c/s=353 #Peaks=2 dt= 7.7s Maxev=l80		MM Pointing	N35E32		Pitch=-739".Yaw=	:+175", Roll=	20den	H And=50dea
32 Peak.c/s=835 Qual=01 Tot Cts=66622 Maxkev=231	E S	HaClass=SF	N34E31	AR5395		Carr.Lon.=2		n.∧mg-szueg H.Ang=51deg
ty: V/3 u): 245/18000 410/37 4995/55 8800/130 15400/240 SMM Pointing: N35E31 Pitch=-737", Yaw=+165", Roll=-20deg Wavelength=1375A Code=00 Exp #=85434 Rast=180"x180" Step=10" Cad= 332s Rast=180"x180" Step=10" Cad= 332s Pitch=-737", Yaw=+165", Roll=-20deg Pitch=-737", Yaw=+165", Roll=-20deg Rast=10"x10" Step=0" Pitch=-712", Aspending Pitch=-712", Page Page Page Page Page Page Page Page	02:41:32 02:56	por tance-ni Peakc/s=835 CaPeak.c/s=1231	Qual=03 Qual=01 Qual= 1				75	XFN=906901
U): 245/18000 410/37 4995/55 8800/130 15400/240  SMM Pointing: N35E31 Pitch=-737", Yaw=+165", Roll=-20deg  Oual=00 Qual=01 Tot Cts=187 MaxkeV=102 Wavelength=1375A Exp #=85439 Rast=10"x10" Step=0" Pitch=-712"		Wavelength=1375A		#=85434				1.024s/pixel, Yaw=+253"
SMM Pointing: N35E31 Pitch=-737", Yaw=+165", Roll=-20deg H  1.53 Peakc/s=50 Qual=01 Tot Cts=187 MaxkeV=102  1.11/3 Wavelength=1375A Exp #=85439 Rast=10"x10" Step=0" Pitch=-712", A546950 410/170 606/100		18000						
Qual=00	times	Pointing:	N35E31		Pitch=-737", Yaw=	+165", Roll=		4. Ang=51deg
	:53 . <a>.</a>	Peakc/s=50 Wavelength=1375A [III/3	\ual=00 \ual=01	Tot Cts=187 Exp #=85439	MaxkeV=102 Rast=10"x10"		itch=-712",	Yaw=+246"

it # = 10703	00 = K0	J	SMM Pointing:	N35E31		Pitch=-737", Yaw	, Yaw=+165", Roll	, Roll=-20deg	H.Ang=51deg
og/og/10,03.30 Start Ontical	Peak	times		N31E30	AR5395	Mac.=EKC	Carr.Lon.=	=260deg	H.Ang=48deg
GOES 03:52 HXRBS 03:52:51 BCS 03:32	03:58 03:53:14 03:56	04:04 03:55:11 04:29	Importance=C8 Peakc/s=158 CaPeak.c/s=387	Qual=01 Qual=01 Qual= 1	Tot Cts=4246 FePeak=03:56	MaxkeV=144 FePeak.c/s=61 Dast=180"x180"	#Peaks=2 Step=10"	dt= 7.7s Cad= 332s	XEN=906902 1.024s/pixel
03:50		_	Wavelength=1375A	Code=00	Exp #=85441	Rast=10"x10"	- 1	Pitch=-682"	, Yaw=+175"
Event # = 10704 89/03/10,04:01	69=K00	4	SMM Pointing:	N35E31		Pitch=-737", Yaw	, Yaw=+165", Roll=-20deg	=-20deg	H.Ang≕51deg
Start GOES HXRBS 04:00:55 UVSP 03:50	reak 04:01:1	^	Peakc/s=97 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1814 Exp #=85441	MaxkeV=187 Rast=10"x10"	Step=0"	Pitch=-682"	, Yaw=+175"
Event # = 10705 89/03/10,04:05	69=400		SMM Pointing:	N35E31		Pitch=-737",Yaw	, Yaw=+165", Roll	, Roll=-20deg	H.Ang=51deg
Start GOES HXRBS 04:04:54 UVSP 04:03	Peak 1 04:05:12	End times 04:06:20	Peakc/s=110 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=2568 Exp #=85443	MaxkeV=187 Rast=10"x10"	Step=0"	Pitch=-692"	, Yaw=+223"
Event # = 10706 89/03/10,04:07	D0Y=69		SMM Pointing:	N35E31		Pitch=-737",Ya	, Yaw=+165", Rol	, Roll≃-20deg	H.Ang=51deg
Start GOES HXRBS 04:07:12 UVSP 04:03	Реак 2 04:07:18	End times 8 04:07:51	Peakc/s=73 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=520 Exp #=85443	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=-692"	', Yaw=+223"
Event # = 10707 89/03/10,04:10	, poy=69		SMM Pointing:	N35E31		Pitch=-737", Ya	, Yaw=+165", Rol	,Roll=-20deg	H.Ang=51deg
Start GOES HXRBS 04:09:53 UVSP 04:03	Peak 3 04:10:40	End times 10 04:11:07	Peakc/s=43 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=443 Exp #=85443	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-692"	", Yaw=+223"
Event # = 22545 89/03/10,05:08 Start GOES BCS 05:07 FCS UVSP 05:06	5 D0Y=69 Peak 05:08	End times 05:14	CaPeak.c/s=34 Wavelength=1375A	Qual=00 Qual= 4	FePeak=05:07 Exp #=85446	FePeak.c/s=9 Rast=420"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 459s Pitch=-727	XEN=906903 1.024s/pixel ",Yaw=+169"
Event # = 10708 89/03/10,05:41	18 D0Y=69	End times	SMM Pointing:	N35E30		Pitch=-734",Yaw=+155",Roll=-20deg	w=+155", Ro]	1=-20deg	H.Ang=51deg
GOES JULY SERVICE SERV	13 05:28: 05:41	35 05:2	Peakc/s=43 CaPeak.c/s=137 Wavelength=1379 - Peakc/s=50	Qual=01 Qual=01 Qual= 1 SA Associated Qual=01	Tot Cts=199 FePeak=05:37 Exp #=85452 Event # = 10709 Tot Cts=184	MaxkeV=102 FePeak.c/s=18 Rast=420"x240" Rast=10"x10" 99 MaxkeV=102	#Peaks=1 Step=15" Step=0"	dt= 7.7s X8 Cad= 459s 1. Pitch=-709",	XEN=906904 1.024s/pixel 1", Yaw=+234"

Event # - 107								
89/03/10,06:45	5 DOY=69	SMM Pointing:	N35E30		Pitch=-734", Ya	, Yaw=+155". Roll=-20ded	20dea	H. Ann=51den
		es HaClass=SF	N30E33	AR5395	Mac.=FKC	Carr Ion =255deg	E 2002	
HXRBS 06:45:11 UVSP 06:43	11 06:45:33 06:46:01	1 Peakc/s=45 Wavelength=1375A	Qual=06 Qual=01 A	Tot Cts=336 Exp #=85457	MaxkeV=102 Rast=10"x10"	Step=0" Pi	oueg tch=-702"	2JJuey n.ANG=49αeg Pitch=-702" Yaw=+207"
Event # = 10718 89/03/10,06:54 Start	18 4 DOY=69 Peak End times	SMM Pointing:	N35E29		Pitch=-731", Ya	[-	}	H.Ang=50deg
GOES HXRBS 06:53:5 UVSP 06:43 Radio Freque	06:54:05 06:5 :y(MHz)/Flux(s	5 Peakc/s=86 Wavelength=1375A : 15400/42	Qual=06 Qual=01	Tot Cts=700 Exp #=85457	MaxkeV=144 Rast=10"x10"	Step=0" Pit	702"	Pitch=-702", Yaw=+207"
Event # = 10719 89/03/10,06:56 Start	[9 5 DOY=69 Peak End times	SMM Pointing:	N35E29		Pitch=-731", Ya	', Yaw=+145", Roll=-20deg		H.Ang=50deg
GOES HXRBS 06:56:35 UVSP 06:43	06:56:39	Peakc/s=43 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=101 Exp #=85457	MaxkeV=102 Rast=10"x10"	Step=0" Pit	702"	, Yaw=+207"
Event # = 10721 89/03/10,07:04 Start	DOY=69 End times	SMM Pointing:	N35E29		Pitch=-731", Yaw	, Yaw=+145", Roll=-20deg		H.Ang=50deg
otical DES 07:01	07:04	HaClass=SF	N29E27	AR5395	Mac.=EKC	Carr.Lon.=261deg		H. Ang=45deg
HXRBS 07:02:17 BCS 06:45	7 07:02:41 07:03:48 07:21 07:36	Peakc/s=171 CaPeak.c/s=183	Qual=01 Qual=01 Qual= 1	Tot Cts=2046 FePeak=07:21	MaxkeV=144 FePeak.c/s=36	#Peaks=3	7.75	FN=OOKOOK
/SP 06:56	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Wavelength=1375	Code=00	Exp #=85459	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s 1 Pitch=-752",	1.024s/pixel ",Yaw=+156"
	06:59:16 06:59:28 06:59:41	Peakc/s=61	Associated Qual=01	event # = 10/20 Tot Cts=317	MaxkeV=144		1	
HXRBS 07:06:29	9 07:06:43 07:07:14	Peakc/s=49	Associated Qual=01	Event # = 10722 Tot Cts=276	MaxkeV=144	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1
Event # = 10723 89/03/10,07:18 Start	3 DOY=69 Peak End times	SMM Pointing:	N35E29		Pitch=-731", Yaw	Pitch=-731", Yaw=+145", Roll=-20deg		H. Ang=50deg
GOES HXRBS 07:18:34 UVSP 07:11	4 07:18:51 07:19:15	Peakc/s=41 Wavelength=1375A	Qua]=06 Qua]=01	Tot Cts=180 Exp #=85461	MaxkeV=102 Rast=10"x10"	Step=0" Pito	Pitch=-691",Yaw=+125"	Yaw=+125"
Event # = 10713 89/03/10,07:33 Start	3 DOY=69 Peak End times	SMM Pointing:	N35E29		oitch=-731", Yaw	Pitch=-731", Yaw=+145", Roll=-20deg		H.Ang=50deg
Optical GOES		HaClass=SF	N30E26	AR5395	Mac.=EKC	Carr.Lon.=262deg		H.Ang≈45deg
RBS 07:33:47 SP 07:24	07:33:47 07:33:54 07:34:07 07:24	Peakc/s=159 Wavelength=1375A	Qual=01	Tot Cts=1028 F Exp #=85463 F	MaxkeV=231 Rast=10"x10"	Step=0" Pitc	Pitch=-651",Yaw=+143"	/aw=+143"

Carr.   Conv.   Conv	Event # = 1072	7			N35F20		Pitch=-731", Yaw=	, Yaw=+145", Roll=-20deg	H.Ang=50deg
08:19 08:30   maportance=20   qual=01   maxeev=144   Flags=5A   maxeev=144   Flags=5A   maxeev=144   Flags=5A   maxeev=145   ota ta	9 DOY=69 Peak	End times	Class=1N	N29E33			Carr.Lon.=255deg Carr.Lon.=294deg	H.Ang=48deg H.Ang=18deg	
DOY-66  DOY-66  DOY-66  Reatines  OB -22:55 08:23:03  Peak  Cy(MHz)/Flux(sfu): 245/200 410/64  OB -20:25:56 08:23:03  DOY-69  Exp #=85466  Exp #=85466  Rast=30"x30"  Rast=30"x30"  Rast=30"x30"  Rast=30"x30"  Rast=30"x30"  Rast=30"x30"  Rep=10"  Cy(MHz)/Flux(sfu): 245/200 410/64  DOY-69  SHM Pointing: N35E28  DOY-69  Exp #=85466  Rast=30"x30"  Rast=243"x243"  Rast=30"x30"  Rast=243"x243"	08:17 08:17	08:19 00 08:18	08:30 3 08:20:36	tance=C9 c/s=94 ength=1375A		Cts=4031 #=85466	MaxkeV=144 Rast=30"x30"		579", Yaw=+208"
08:22:55 08:23:03 Peakc/s=46 qual=01 Exp #=85466 Rast=30°x30° Step=10"   Exp #=85466 Rast=30°x30° Step=10"   Exp #=85466 Rast=30°x30° Step=10"   D0/=69   Peak   D0/=69   Peak   D0/=69   Exp #=85468   Pitch=-729", Yaw=+135", Roll   D0/=69   Exp #=85468   Pitch=-729", Yaw=+135", Roll   Exp #=85468   Rast=30°x30° Step=10"   Exp #=85468   Pitch=-729", Yaw=+135", Roll   D0/=69   Exp #=85468   Pitch=-727", Yaw=+130", Roll   D0/=69   Exp #=85471   Exp #=85471   Exp #=85471   Peak   Exp #=85471   Peak   Pointing: N35E28   Pitch=-727", Yaw=+130", Roll   D0/=69   Exp #=85471   Peak   Exp #=85471   Peak   Pointing: N35E28   Pitch=-727", Yaw=+130", Roll   D0/=69   Exp #=85471   Peak   Exp #=85471   Peak   Exp #=85471   Peak   Exp #=85471   Peak   Exp #=85471   Exp #=85471   Peak   Exp	Event # = 137 89/03/10,08:2 Start	DOY=6 Peak	End	Pointing:	N35E29		=	=+145", Roll=-20deg	H.Ang≖50deg
DOY-69  Box 41:24 O8:41:34 Peakc/s=51 Qual=01  O8:41:24 O8:41:34 Peakc/s=51 Qual=01  O8:41:24 O8:41:34 Peakc/s=51 Qual=01  Exp #=85468  Rast=30"x30" Step=10"  Doy-69  Exp #=85468  Rast=30"x30" Step=10"  Doy-69  Exp #=85468  Exp #=85468  Rast=30"x30" Step=10"  Doy-69  Exp #=85408  Rast=30"x30" Step=10"  Doy-69  Exp #=85408  Rast=30"x30" Step=10"  Doy-69  Exp #=85408  Rast=30"x30" Step=10"  Doy-69  Exp #=85401  Doy-69  Rast=243"x243" Step=3"  Rast=243"x243" Step=3"  Doy-69  Exp #=85471  Rast=243"x243" Step=3"  Doy-69  Baxkey=102", Vaw=+130", Roll  Rast=243"x243" Step=3"  Rast=243"x243" Step=3	GOES HXRBS 08:22: UVSP 08:17 Radio Frequ	:40 08:22: .ency(MHz)	08:23:0; lux(sfu)	c/s=46 ength=1375A 00 410/64	Qual=00 Qual=01		MaxkeV=102 Rast=30"x30"		679", Yaw=+208"
08:41:24 08:41:34 Peakc/s=51 Qual=01	Event # = 10 89/03/10,08:	i .	End	Pointing	N35E28		Pitch=-729",Yaw	-	H.Ang=50deg
DOY=69  SMM Pointing: N35E28  0ual=01  Exp #=85466  Rast=30"x30"  SMM Pointing: N35E28  0ual=01  Exp #=85466  Pitch=-729", Yaw=+135", Roll  Boy=69  SMM Pointing: N35E28  Oual=01  Exp #=85468  Pitch=-729", Yaw=+135", Roll  Boy=69  Boy=69  SMM Pointing: N35E28  Oual=01  Exp #=85468  Pitch=-729", Yaw=+135", Roll  Boy=69  Boy=69  Boy=69  Boy=69  SMM Pointing: N35E28  Oual=01  Exp #=85471  Exp #=85471  Poitch=-727", Yaw=+130", Roll  Pointing: N35E28  Oual=01  Doy=69  Doy=60  Doy=69   GOES HXRBS 08:41 UVSP 08:38		24 08:41	c/s=51  ength=1375A	Qual=01 Qual=01	Tot Cts=144 Exp #=85468	MaxkeV=102 Rast=30"x30"	•	653", Yaw=+211" 	
DOY=69 End times  08:49:49 08:50:01 Peakc/s=64 Qual=01 DOY=69 End times  SMM Pointing: N35E28  08:49:49 08:50:01 Peakc/s=64 Qual=01 DOY=69 Exp #=85471  DOY=69  RaxkeV=102 Rast=30"x30" Step=10"  MaxkeV=102 Rast=30"x30" Step=10"  MaxkeV=102  Rast=243"x243" Step=3" Flags=I, R  Qual=01 DOY=69  Boy=69  SMM Pointing: N35E28 Qual=01 DOY=69  Boy=69  SMM Pointing: N35E28 Qual=01 Exp #=85471  Rast=243"x243" Step=3" Rast=243"x243" Step=3" Rast=243"x243" Step=3" DOY=69 Peak Boy=69  DOY=69 Peak Boy=60  DOY=60  D	•	08:37	25 08:38:56	Peakc/s=87 Wavelength=1375A	ssociated Qual=01	Event # = 10/20 Tot Cts=1925 Exp #=85466	MaxkeV=102 Rast=30"x30"	'	.679", Yaw=+208"
08:49:49 08:50:01 Peakc/s=64 Qual=01 Tot Cts=347 RaxeV=102 Step=10"  08:49:49 08:50:01 Peakc/s=64 Qual=01 Exp #=85468 Rast=30"x30" Step=10"  08:49:49 08:50:01 Peak	Event # = 10 89/03/10,08:	728 49 D0Y=69	1 1	Pointing	N35E28		Pitch=-729",Yaw	v=+135",Roll=-20deg	H.Ang=50deg
DOY=69         SMM Pointing:         N35E28         Pitch=-727", Yaw=+130", Roll           Peak         Peak         Qual=01         Tot Cts=3048         MaxkeV=102         Flags=I, EC           10:11:58         Mavelength=2788A         Exp #=85471         Rast=243"x243"         Step=3"           DOY=69         SMM Pointing:         N35E28         Pitch=-727", Yaw=+130", Roll           Peak         Qual=01         Tot Cts=705         MaxkeV=102         Flags=I,N           Peak         Qual=01         Tot Cts=705         MaxkeV=102         Flags=I,N           Peak         SMM Pointing:         N35E28         Pitch=-727", Yaw=+130", Roll           Peak         End times         Qual=01         Tot Cts=705         MaxkeV=102         Flags=I,N           Peak         End times         Qual=01         Tot Cts=1769         MaxkeV=102         Flags=I           Peak         End times         Qual=01         Tot Cts=1769         MaxkeV=102         Flags=I           Peak         End times         Qual=01         Tot Cts=1769         MaxkeV=102         Flags=I           Peak         End times         Rast=243"x243"         Step=3"	Start GOES HXRBS 08:49 UVSP 08:38	:35 08:49:	.80 6:	c/s=64 ength=137	Qual=01 Qual=01	Cts #=8	MaxkeV=102 Rast=30"x30"		.653", Yaw=+211"
10:11:58 10:12:48 Peakc/s=112 Qual=01	Event # = 11 89/03/10,10:	9=\00	3	Pointing	N35E28		Pitch=-727", Ya	м=+130",Roll=-20deg	H.Ang=50deg
# = 11149   Doy=69   SMM Pointing: N35E28   Pitch=-727", Yaw=+130", Roll: Start Peak   End times   Qual=00   Tot Cts=705   MaxkeV=102   Flags=I, ND    10:14:41	Start GOES HXRBS 10:11 UVSP 09:54	reak 10:11	Enu :58 10:1	Peakc/s=112 Wavelength=2788A	Qual=01 Qual=03	Tot Cts=3048 Exp #=85471	MaxkeV=102 Rast=243"x243"	Flags=I,E( Step=3"	-718", Yaw=+140"
Start Peak Cild Limes  10:14:41 10:14:52 10:15:11 Peakc/s=68 Qual=01 Tot Cts=705 MaxkeV=102 Flags=I,ND	ven 9/0	000	# + + + + + + + + + + + + + + + + + + +	SMM	N35E28		Pitch=-727",Ya	, Roll	g H.Ang=50deg
# = 11150 1/10,10:29		10:14	.52 10:15:11	Os		Tot Cts=705 Exp #=85471	MaxkeV=102 Rast=243"x243"	Flags=I,ND Step=3"	-718", Yaw=+140"
Start Peak Eilü Uniles 01:28:13 10:29:06 10:30:15 Peakc/s=50 Qual=01 Tot Cts=1769 MaxkeV=102 Flags=I 09:54 Wavelength=2788A Exp #=85471 Rast=243"x243" Step=3"	vent 9/03	D0 Y=	+	SMM	N35E28		Pitch=-727",Ya	w=+130", Roll=-20de	g H.Ang=50deg
	Star GOES HXRBS 10:2, UVSP 09:5	t reak 8:13 10:29 4	.06 10:30:15	•			<b>ش</b>	Flags=I Step=3"	-718", Yaw=+140"

Second Color	Event # =	20510	00-800		Total of the control		APPER INDICATE AND AND AND AND AND AND AND AND AND AND				
10.153   10.40   10.43   CaPeak.c/s=433   Qual=	os/os/10,1 Sta	10:40 irt	Dor≡by Peak	End times							
10.05   1.05	BCS 09:	58 09	10:40	10:43	CaPeak.c/s=433 Wavelength=2788,			FePeak.c/s=121 Rast=180"x1"	#Peaks=2 Step=0"	dt= 7.7s Pitch=-570	XEN=906920 ", Yaw=-133"
11:15:8   11:38   12:13	event # = 39/03/10,1 Sta	10714 1:36 rt	DOY=69 Peak	End times	SMM Pointing	N38E13		Pitch=-704", Yaw	r=-67", Roll	=-20deg	H.Ang=47deg
11:16:58	optical SOES 10:	38	11:36		HaClass=28	N34E29		Mac.=EKC	Carr.Lon.	=257deg	H.Ang=50deg
11:09   Have length=2788A Code=01   Exp #=85473   Rast=#20"x240" Step=15" Cd= #655   10247/pixe1	IXRBS 11:	16:58 18	11:28:0! 11:32	:47	Peakc/s=594 CaPeak.c/s=2115	Qual=01 Qual=01 Qual= 1			Flags=M5 #Peaks=1	dt= 7.75	XFN=Q06007
12:07 12:07 12:16	_ 0	09 equenc	.y (MHz) /F	:lux(sfu):	Wavelength=2788/ 8800/120 15400/2	4 Code=01		Rast=420"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 459s Pitch=-570	1.024s/pixel ', Yaw=-133"
12:09		07	12:07			Associated Qual= 5	Event # = 20509 FePeak=12:07	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=QUEOUS
10:37:41 10:38:20 10:42:03 Peakc/s=659 Qual=11 Tot Cts=18350 MaxkeV=187 Flags=1,DG,ND  = 10715 Start 10:38:20 10:42:03 Peakc/s=659 Qual=10 Tot Cts=288 MaxkeV=187 Flags=1,DG,ND  = 10715 Start 10:38:20 10:42:03 Peakc/s=64 Qual=01 Tot Cts=288 MaxkeV=187 Flags=1  = 10716 Start 11:55:05 11:55:14 11:55:38 Peakc/s=64 Qual=01 Tot Cts=288 MaxkeV=102 Flags=1  = 10716 Start 11:55:05 11:55:14 11:55:38 Peakc/s=63 Qual=01 Tot Cts=2311 MaxkeV=187 Rast=180"x1" Step=0" Pitch=-568"  = 10730 Start 11:05:05 Peakc/s=63 Qual=01 Tot Cts=2311 MaxkeV=187 Rast=180"x1" Step=0" Pitch=-568"  = 10730 Start 11:05:05 Peakc/s=63 Qual=01 Tot Cts=2311 MaxkeV=187 Rast=180"x1" Step=0" Pitch=-568"  = 10730 Start 11:05:05:05:05:05:05:05:05:05:05:05:05:05:		60	1		Wavelength=278		Exp #=85474	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=-568"	1.024s/pixel
= 10715 5	XRBS 10:	37:41	10:38:20		Peakc/s=659	Associated Qual≖11	Event # = 11151 Tot Cts=18350	MaxkeV=187	Flags=I,D	g, ND	
11:55:05   11:55:14   11:55:38   Peakc/s=46   Qual=01   Tot Cts=228   MaxkeV=102   Flags=I   Step=0"   Pitch=-568   Pitch=-568   Pitch=-704", Yaw=-67", Roll=-20deg   Pitch=-703:07   12:06:38   Peakc/s=63   Qual=01   Tot Cts=231   MaxkeV=187   Rast=180"x1"   Step=0"   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-700", Yaw=-77", Roll=-20deg   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-568   Pitch=-567   Pi	vent # = ] 9/03/10,11 Star	10715 1:55 rt	DOY=69 Peak	End times	Pointing	N38E13		Pitch=-704", Yaw	=-67", Roll=	=-20deg	H.Ang=47deg
= 10716 Start Peak End times SMM Pointing: N38E13 Pitch=-704", Yaw=-67", Roll=-20deg Pitch=-704", Yaw=-67", Roll=-20deg Peak		55:05 )9	11:55:14	11:55:38	Peakc/s=46 Wavelength=2788A	Qual=00 Qual=01	Cts=228 #=85474	MaxkeV=102 Rast=180"x1"	Flags≈I Step=0"	Pitch=-568"	, Yaw=-139"
12:02:03 12:03:07 12:06:38 Peakc/s=63 Qual=01	/ent # = 1 9/03/10,12 Star	10716 2:03	00Y=69 Peak	End times	Pointing	N38E13		Pitch=-704", Yaw	67", Roll=	20deg	H.Ang≈47deg
= 10730 5.13:14			12:03:07		Peakc/s=63 Wavelength=2788A	Qual=00 Qual=01	Cts=2311 #=85474	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=-568"	, Үаw=-139"
HaClass=SF   N28E25   AR5395   Mac.=EKC   Carr.Lon.=260deg     13:02:08   13:13   13:49   Peakc/s=57   Qual=01   Tot Cts=4010   MaxkeV=102     13:01   13:13   13:49   CaPeak.c/s=243   Qual=1   FePeak=13:10   FePeak.c/s=41   #Peaks=1   dt= 7.7s     13:41   Wavelength=2788A   Exp #=85476   Rast=180"x1"   Step=0"   Pitch=-565"     13:59:02   12:59:20   12:59:38   Peakc/s=58   Qual=01   Tot Cts=304   MaxkeV=102     13:13   MaxeV=0102   MaxkeV=102   MaxkeV=102     13:13   MaxeV=0102   MaxkeV=102   MaxkeV=102   MaxkeV=102     13:13   MaxeV=0102   MaxkeV=102   MaxkeV	ent # = 1 /03/10,13 Star	30	00Y=69 eak	End times	1	N38E13		Pitch=-700", Yaw	77", Roll=		H.Ang=47deg
13:01 13:12:1/ Peakc/s=57 Qual=01 Tot Cts=4010 MaxkeV=102 13:01 13:13 13:49 CaPeak.c/s=243 Qual= 1 FePeak=13:10 FePeak.c/s=41 #Peaks=1 dt= 7.7s 13:41 Rast=240"x240" Step=10" Cad= 590s 13:41 Wavelength=2788A Exp #=85476 Rast=180"x1" Step=0" Pitch=-565' 13:41 Associated Event # = 10729	tical ES 13:0	ე	13:14		HaClass=SF Importance=C6	N28E25 Qual=01	AR5395	Mac.=EKC	Carr.Lon.=		H. Ang=43deg
	13:0 13:0 13:0	1:08	13:0/:00 13:13		Peakc/s=57 CaPeak.c/s=243	Qual=01 Qual= 1	Tot Cts=4010 FePeak=13:10			dt= 7.7s )	XEN=906909
12:59:02 12:59:20 12:59:38 Peakc/s=58 Qual=01 Tot Cts=304	SP 13:4	- ! ·		•	avelength=278	sociated	Exp #=85476 Event # = 10729			Cad= 590s Pitch=-565"	1.024s/pixel , Yaw=-149"
		9:02 1 1	.2:59:20		c/s=58  ength=278{	Qual=01	Tot Cts=304 Exp #=85475	MaxkeV=102 Rast=180"x1"	! !	Pitch=-567",	. Yaw=-143"

			CMM Dointing.	N38F13		Pitch=-700", Yaw	, Yaw=-77", Roll=-20deg		H.Ang=47deg
0,13:4/ Start	DOY=69 Peak	End times	Class=SF	N31E25	AR5395	Mac.=EKC	Carr.Lon.=260deg		H.Ang=45deg
GDEST 13:47:25 13: WXRBS 13:47:25 13:	13:47:59	13:48:48	akc/s=94 velength=2788A	Qual=00 Qual=01 F	Tot Cts=1473 Exp #=85476	MaxkeV=144 Rast=180"x1"	Flags=M5 Step=0"	Pitch=-565",Yaw=-149"	, Үам=-149"
= 10732 1,14:50 tart	D0Y=69 Peak	End times	4 Pointing:	N38E13	AR5395	Pitch=-700",Yaw Mac.=EKC	,Yaw=-77",Roll=-20deg Carr.Lon.=259deg	-20deg 259deg	H.Ang=47deg H.Ang=45deg
	14:36:44 14:50	14:37:19 15:23	1 88A	Qual=01 Qual=1	Tot Cts=504 FePeak=14:48 Exp #=85478	MaxkeV=102 FePeak.c/s=20 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-562"	XEN=906910 1.024s/pixel ', Yaw=-159"
= 10733	09-21		CMM Pointing:	N38E12		Pitch=-697", Ya	, Yaw=-87", Roll=	, Roll=-20deg	H.Ang=47deg
	Peak	End times	Class=SF	N34E28	AR5395	Mac.=EKC	Carr.Lon.=256deg	-256deg	H.Ang≈49deg
GOES HXRBS 15:00:38 15 UVSP 15:16	15:01:23	15:02:00	Peakc/s=45 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=331 Exp #=85478	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-562"	', Yaw=-159"
Event # = 10734 89/03/10,15:17 DO	69=\00	1	SMM Pointing:	N38E12		Pitch=-697",Yā	,Yaw=-87",Roll=	, Roll=-20deg	H.Ang=47deg
Start Pe GOES HXRBS 15:17:17 15 UVSP 15:16	Реак 15:17:43	End times	Peakc/s≖39 Wavelength≠2788A	Qual=00 Qual=01	Tot Cts=294 Exp #=85478	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-562"	", Yaw=-159"
Event # = 10735 89/03/10,15:32 DC	D0Y=69		SMM Pointing:	N38E12		Pitch=-697", Ya	, Yaw=-87", Roll=-20deg	=-20deg	H.Ang=47deg
Start Po	eak	End times	HaClass=SF	N32E27	AR5395	Mac.≖EKC	Carr.Lon.=257deg	=257deg	H.Ang=47deg
GÖES 15:23 15:32 15:43 HXRBS 15:21:10 15:21:14 15:21:2 UVSP 15:16 Radio Frequency(MHz)/Flux(sfu)	5:32 5:21:14 (MHz)/i	15:43 4 15:21:25 Flux(sfu):	Importance=M1 Peakc/s=83 Wavelength=2788A 1415/560 2695/70	Qual=02 Qual=01 Tot C Code=01 Exp # 15400/1800	Tot Cts=239 Exp #=85478 00	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-562	Pitch=-562",Yaw=-159"
Event # = 10/36 89/03/10,16:00 D	D0Y=69		SMM Pointing:	N38E12		Pitch=-697", Yaw=-87", Roll=-20deg	aw=-87", Roll	=-20deg	H.Ang≖47deg
Start P GOES HXRBS 15:57:32 1 BCS 15:59 1 FCS 15:48	eak 15:58:5 16:00	Peak End United 15:58:56 16:00:37 16:00	Peakc/s=115 CaPeak.c/s=46 Wavelength=2788A	Qual=00 Qual=01 Qual= 1	Tot Cts=2585 FePeak=16:00 Exp #=85479	MaxkeV=144 FePeak.c/s=12 Rast=420"x240" Rast=180"x1"	#Peaks=1 " Step=15" Step=0"	dt= 3.8s X8 Cad= 459s 1. Pitch=-560",	XEN=906911 1.024s/pixel ", Yaw=-163"

89/03/10,16:09	00¥=69	7							
16:08	16:09	End times 16:13	CaPeak.c/s=55	Qual=01 Qual= 1	FePeak≈16:09	FePeak.C/s=11	#Peak	1 7 7 c	10900-713
15:48			Wavelength=2788A		Exp #=85479	Rast=240"x240" Rast=180"x1"		Cad= 590s 1 Pitch=-560",	1.024s/pixel ", Yaw=-163"
= 10737 ,16:59 tart		Fnd times	SMM Pointing:	N38E11		Pitch=-693", Yaw	, Yaw=-97", Roll	, Roll=-20deq	H. Ana=46dea
GOES 16:45 HXRBS 16:43:49 BCS 16:38	16:59 16:46:48 16:53	17:05 16:55:30 16:56	Importance=C5 Peakc/s=331 CaPeak.c/s=87	Qual=02 Qual=01 Qual= 1	Tot Cts=14897 FePeak=16:50	MaxkeV=187 FePeak.c/s=17	#Peaks=2	dt= 7.7c	
6:48 Frequen	16:48 Frequency(MHz)/Flux(sfu)	]ux(sfu):	Wavelength=2788A 245/1000 410/150	Code=01	Exp #=85480	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=-558"	1.024s/pi ,Yaw=-169
Event # = 10738 89/03/10,17:37 Start	D0Y=69 Peak	End times	SMM Pointing:	N35E24		Pitch=-710", Yaw	, Yaw=+83", Roll:	, Roll=-20deg	H. Ang=48deg
7:30		17:42		N32E24	AR5395	Mac.=EKC	Carr.Lon.	=258deg	H.Ang=45deg
17:34:25 17:31	17:35:28 17:36	17:45:16 17:51	Peakc/s=554 CaPeak.c/s=800	Qua]=01 Qua]= 1	Tot Cts=26714 FePeak=17:36			dt= 3.8c	
7:41 Frequenc	17:41 Frequency(MHz)/Flux(sfu)		ength=1375A 88 8800/140	A Code=02 15400/83	Exp #=85482	Rast=420"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 459s 1 Pitch=-704",	.024s/pi Yaw=+92"
17:30:56 1 17:23	17:31:38 17:	1 00	Peakc/s=67 (Wavelength=2788A	sociated Qual=01	Event # = 10739 Tot Cts=659 Exp #=85481	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-578	
Event # = 10740 89/03/10,17:57 Start	D0Y=69 Peak	End times	SMM Pointing:	N35E24		Pitch=-710", Yaw=+83",	:+83", Roll=	, Roll=-20deg	Ang=4
17:52:16 17:51			Peakc/s=49 CaPeak.c/s=58	Qual=00 Qual=01 Qual= 1	Tot Cts=360 FePeak=17:57				YEN-00601E
17:43 Frequency	7:43 Frequency(MHz)/Flux(sfu)		Wavelength=1375A 245/550			Rast=180"x180" Rast=30"x30"	Step=10" Step=10"	Cad= 332s Pitch=-652",	1.024s/pixel ",Yaw=+110"
Event # = 10741 89/03/10,19:22   Start	D0Y=69 Peak	S End times	SMM Pointing:	N35E26		Pitch=-721",Yaw≕	,Yaw=+114",Roll:	=-20deg	H.Ang=49deg
	19:22		HaClass=3B HaClass=SF Importance=x5	N31E22 S15E41 Oual=03	AR5395 AR5398	Mac.=EKC (	Carr.Lon.=260deg Carr.Lon.=241deg		H.Ang=44deg H.Ang=41deg
9:03:28 1 9:03:00 9:04 1	89	21:24:22 P 19:49:00 19:49 C	50	Qual=14 Qual= 2	Tot Cts=6.43E+7 FePeak=19:16	+7 MaxkeV=857 Flags=M5,S >10MeV=Y FePeak.c/s=7800 #Peaks=1	Flags=M5,SI #Peaks=1	SN, EN, IN, IS	Dur=2760sec xen=006016
:11 requency	9:11 Frequency(MHz)/Flux(sfu)		Wavelength=1375A Code=00 Exp 606/1300 1415/3600 2695/10000	code=00 2695/100	#=85491 4995/1600	Rast=180"x180" Rast=30"x30" 800/22000 15400/2	Step=10" (Step=10" (	Cad= 332s 1 Pitch=-717",	1.024s/pixel ",Yaw≖+94"

					ı			1		1				
(EN=	, Yaw=+95"	,Yaw=+92"	, Yaw=+85"	XEN=906917 1.024s/pixel ",Yaw=+117"		H.Ang=48deg	XEN=906919 1.024s/pixel	",Yaw=+82"	H.Ang≃48deg	", Yaw=+82"	H.Ang≖48deg	Pitch=-633",Yaw=+82"	H.Ang≈48deg	3", Yaw=+82"
dt= 7.7s Cad= 332s Pitch=-708"	Pitch=-636"	tch=-64	Pitch=-633"	3.8s  = 459s  ch=-711		=-20deg	dt= 7.7s Cad= 332s	Pitch=-633	, Roll=-20deg	Pitch=-633", Yaw=+82	]=-20deg		, Roll=-20deg	Pitch=-633"
#Peaks=1 Step=10" Step=5"	Step=10"	ep=10	S	#Peaks=1 Step=15" Step=5"		,Yaw=+83",Roll=-20deg			, Yaw=+83", Rol	Step=10"	, Yaw=+83", Roll=-20deg	Step=10"	, Yaw=+83", Rol	Step=10"
FePeak.c/s=50 Rast=180"x180" Rast=265"x265"	MaxkeV=144 Rast=30"x30"	MaxkeV=102 Rast=30"x30"	MaxkeV=102 Rast=30"x30"	FePeak.c/s=429 Rast=420"x240" Rast=265"x265"		Pitch≃-713",Ya	MaxkeV=144 FePeak.c/s=47 Rast=180"x180"	Rast=30"x30"	Pitch=-713",Y	MaxkeV=102 Rast=30"x30"	Pitch=-713",Y	MaxkeV=102 Rast=30"x30"	Pitch=-713",	MaxkeV=102 Rast=30"x30"
Event # = 20511 FePeak=22:25 Exp #=85501	t # = 10742 Cts=14596 #=85503	Event # = 10/43 Tot Cts=240 Exp #=85505	Exp #=85510	Event # = 22549 FePeak=20:39 Exp #=85494	D0Y=70		Tot Cts=1762 FePeak=00:12	Exp #=85512		Tot Cts=431 Exp #=85512		Tot Cts=103 Exp #=85512		Tot Cts=94 Exp #=85512
Associated E Qual= 4 F		sociated Qual=01	sociated Qual=01	sociated Qual= 5	89/03/11	N35E24	Qual=05 Qual=01 Qual= 1		N35E24	Qual=00 Qual=01	N35E24	Qual=00 Qual=01	N35E24	Qual=00 Qual=01
CaPeak.c/s=749 (	ave engtn=13/. 		eakc/s=56 avelength=137	As CaPeak.c/s=3814 Wavelength=1375A		SMM Pointing:	Peakc/s=154 CaPeak.c/s=283	Wavelength=1375A 245/4200 410/510	SMM Pointing:	Peakc/s=77 Wavelength=1375A III/3	SMM Pointing:	Peakc/s=38 Wavelength=1375A III/3	SMM Pointing:	Peakc/s=41 Wavelength=1375A
22:11 22:12 23:00	P 22:13 S 22:16:07 22:20:02 22:26:31 S 23:18	22:48:52 22:48:58 22:49:34 22:39	00:09:44 00:09:55 00:12:38	20:38 20:39 21:24 20:39		Event # = 10745 89/03/11,00:12 DOY=70	00:15:37 00:16:01 00:12 00:36	00:11 Frequency(MHz)/Flux(sfu):	Event # = 10746 89/03/11,00:16 DOY=70 89/03/11,00:16 DOY=70	00:16:47 00:17:00 Type/Intensity:	Event # = 10747 89/03/11,00:17 DOY=70	D0:17:41 00:17:51 Type/Intensity:	Event # = 10748 89/03/11,00:23 D0Y=70	

!			!												1	
H. And=48		, Уам=+90"	H.Ang=48deg	5", Yaw=+100"	1	5", Yaw=+108"	H.Ang=48deg	", Yaw=+108"	H. Ann=48den	H.Ang=39deg	XEN=907026 1.024s/pixel	", Yaw=+108"	H.Ang=48deg	', Yaw=+108"	H.Ang=48deg	, Yaw=+85"
Roll=-20dea	•	Pitc	11≈-20deg	" Pitch=-645		Pitch=-65	11=-20deg	' Pitch=-655"	11		dt= 7.7s Cad= 332s	Pitch=-655	, Roll=-20deg	Pitch=-655",	, Roll=-20deg	Pitch=-647",
Yaw=+83",	Carr.Lon	Flags=ES "Step=10"	, Yaw=+73", Roll:	' Step=10"	, Yaw=+73", Roll:	Step=10"	, Yaw=+73", Roll=	Step=10"	Yaw=+73", Roll	Carr	19 #Peaks=3 0" Step=10"		, Yaw=+73", Rol	Step=10"	'aw=+73", Rol	Step=0"
Pitch=-713"	Mac.=EKC	MaxkeV=187 Rast=30"x30" 8800/62	Pitch=-710"	MaxkeV=102 Rast=30"x30"	Pitch=-710",	MaxkeV=102 Rast=30"x30"	Pitch=-710",	MaxkeV=144 Rast=30"x30"	Pitch=-710",	Mac.=EKC	MaxkeV=187 FePeak.c/s=119 Rast=180"x180"	Kast=30"x30"	Pitch=-710",)	MaxkeV=102 Rast=30"x30"	Pitch=-710", Yaw=+73"	MaxkeV=187 Rast=10"x10"
	AR5395	Tot Cts=7574 Exp #=85514 :695/51 4995/73		Tot Cts=217 Exp #=85517		Tot Cts=455 Exp #=85519		Tot Cts=121 Exp #=85519		AR5395	Cts=90 sak=01: #-0FF1	exp #=85519		Tot Cts=5319 Exp #=85519		0 1 Tot Cts=1850 Exp #=85524 8800/60 15400/17
N35E24	N30E24	Qual=03 Qual=03 1415/78 ;	N35E23	Qual=00 Qual=01	N35E23	Qual=00 Qual=01	N35E23	Qual=00 Qual=01	N35E23	N28E17 Qual=00	Qual=01 Qual= 1	00=2000	N35E23	Qua]=01 Qua]=01	N35E23	Qual=00 Qual=01 4995/11 88
SMM Pointing:	HaClass=SF	Peakc/s=129 qual=03 Wavelength=1375A 410/250 606/170 1415/78	SMM Pointing:	Peakc/s=86 Wavelength=1375A	SMM Pointing:	Peakc/s=55 Wavelength=1375A	SMM Pointing:	Peakc/s=78 Wavelength=1375A	SMM Pointing:	HaClass=SF Importance=M2	Peakc/s=349 CaPeak.c/s=478 Wavelennth=13754	245/1400 410/260	SMM Pointing:	Peakc/s=160 Wavelength=1375A III/2	SMM Pointing:	Peakc/s=66 Wavelength=1375A 1415/32 2695/44 4
DOY=70 Peak Fnd time		0:30:50 00:33:48 00:36:55 0:34 Frequency(MHz)/Flux(sfu):	DOY=70 Peak End times	01:27:36 01:27:46	DOY=70 Peak End times	01:46:13 01:47:09	DOY=70 Peak End times	01:51:28 01:51:33	DOY=70 Peak Fnd times	01:56 02:02	<b>-</b>	Frequency(MHz)/Flux(sfu):	DOY=70 Peak End times	02:04:00 02:05:18 Type/Intensity:	DOY=70 Peak End times	3:03:07 03:04:02 03:06:13 1 2:57 Frequency(MHz)/Flux(sfu): 1
Event # = 10749 89/03/11,00:33 Start	ical	$\sim$	Event # = 10750 89/03/11,01:27 Start	S 01:27:31 01:24	Event # = 10751 89/03/11,01:46 Start	S 01:45:50 01:46	# = 10752 /11,01:51 Start	S 01:51:24 01:46	= 10753 1,01:56 start	1:53		o Frequenc	# = 10754 '11,02:04 Start	02:01:52 01:46 Sweeps	# = 10755 /11,03:04 Start	03:03:07 02:57 Frequenc
Ever 89/(	Opti GOES	HXRBS UVSP Radio	89/0	HXRBS UVSP	89/0	HXRBS UVSP	89/0.	HXRBS UVSP	Even 89/0	Optic GOES HXBR	BCS BCS CFCS UVSP	Radic	89/03	HXRBS UVSP Radio	Event 89/03	GUES HXRBS UVSP Radio

### Find times   Handle   Hand	Event #	t = 10756	DOY=70		SMM Pointing:	N35E22		Pitch=-707", Yaw	, Yaw=+63", Roll=-20deg	20deg	H.Ang≃47deg
33:34 03:49   Importance=MSB   Qual=00   Tot Cts=99126   Fakev=320   Flags=M5   Febek=03:43   Febek=	ontica.	Still_	Peak	times		N27E18	AR5395	Mac.=EKC	Carr.Lon.⁼	=259deg	H.Ang=38deg
Type/Intensity:   111/3   Associated Event # = 1075   As	AXRBS BCS BCS	03:20 03:29:13 02:51	03:34 03:31:49 03:44	03:40 03:33:50 03:49	Importance=M2 Peakc/s=2588 CaPeak.c/s=1661	Qual=00 Qual=01 Qual= 1	Tot Cts=99126 FePeak=03:43	MaxkeV=320 FePeak.c/s=682 Rast=180"x180"		dt= 7.7s X Cad= 332s 1	xEN=907000 1.024s/pixel
7.3-1.7-1.7-1.7-1.7-1.7-1.7-1.7-1.7-1.7-1.7		03:23 Sweeps	Type/I		Wavelength=1375A III/2 245/830 410/240 6	Code=00 06/160 14	Exp #=85528 115/13 4995/20 8	Rast=10"x10" 800/74 15400/94		Pitch=-636"	', Yaw=+22"
DOY=70  SMM Pointing: N35E21  DOY=70  SMM Pointing: N35E21  DOY=70  SMM Pointing: N35E21  DOY=70  DOY=70  SMM Pointing: N35E21  DOY=70  SMM Pointing: N35E21  DOY=70  DOY=70  SMM Pointing: N35E21  DOY=70  DOY=70  SMM Pointing: N35E21  DOY=70  DOY=	HXRBS UVSP	03:36:07 03:37	03:42:22 Tvne/I	i m -		sociated Qual=01	Event # = 10757 Tot Cts=53092 Exp #=85530	MaxkeV=231 Rast=10"x10"	 Step=0"	Pitch=-611	
DOY=70  Peak End times  Qual=00 Qual=01  Oq:31:35 O4:32:02  Peakc/s=675 Qual=01  DOY=70  SMM Pointing:  N35E21  DOY=70  Oq:31:35 O4:32:02  SMM Pointing:  DOY=70  SMM Pointing:  N35E21  DOY=70  SMM Pointing:  N35E21  DOY=70  SMM Pointing:  N35E21  DOY=70  SMM Pointing:  N35E21  DOY=70  Exp #=85533  RaxkeV=274  Flags=M5  RaxkeV=274  Flags=M5  RaxkeV=274  Flags=M5  Flags=M5  RaxkeV=274  Flags=M5  Flags=M5  Flags=M5  RaxkeV=274  Flags=M5  Flags=M5  Flags=M5  Flags=M5  Flags=M5  Flags=M5  Flags=M5  Flags=M5  From Flags=M5  From Flags=M5  From Flags=M5  From Flags=M5  Flags=M5  From Flags=M5  Flags=M5  From Flags=M5	<b>.</b> .	03:37	. ഇ		CaPeak.c/s=19 Wavelength=1375A	sociated Qual= 5	Event # = 2255C FePeak=03:49 Exp #=85530	FePeak.c/s=9 Rast=0"x0" Rast=10"x10"	•	dt= 7.7s cad=3840s Pitch=-611"	XEN=907001 3840s/pixel ", Yaw=+51"
DOY=70  Oual=00  Oual=01  Exp #=85533  Dual=01  Tot Cts=6348  MaxkeV=274  Bast=10"x10"  Step=0"  Flags=M5  Oual=01  Exp #=85533  Rast=10"x10"  Flags=M5  Flags=M5  Oual=01  Oual=01  Oual=00  O4:31:35 O4:32:02  Peak  Oual=01  Exp #=85533  MaxkeV=231  Pitch=-703", Yaw=+53", Roll=-10	Event 89/03/	# = 10758 11,04:31	07=70		1	N35E22		Pitch=-707", Yaw	v=+63", Roll	=-20deg	H.Ang≈47deg
# = 10759 Start Peak End times Start Peak End times 04:53:08 04:53:18 04:53:48 Peakc/s=156 Qual=01 Start Peak End times 04:53:08 04:53:18 04:53:48 Peakc/s=156 Qual=01 Start Peak End times 11,04:50 04:53:08 04:53:18 04:53:48 Peakc/s=156 Qual=01 Start Peak End times 11,05:04 DOy=70 04:58 11,05:07 DOy=70 11,05:07 11,05 11,05 11,05 11,05 11,05 11,05 11,05 11,05 11,05 11,05 11,05 11,	GOES HXRBS UVSP	Start 04:31:08 04:31	Peak 04:31:3	End 04∷		Qual=00 Qual=01	Tot Cts=6348 Exp #=85533	MaxkeV=274 Rast=10"x10"	Flags=M5 Step=0"	Pitch=-619",Yaw=+20"	", Yaw=+20"
04:53:18 04:53:48 Peakc/s=156 Qual=01 Tot Cts=1345 MaxkeV=231 Step=0" F Exp #=85535 Rast=10"x10" Step=0" F Exp #=85535 Rast=10"x10" Step=0" F Exp #=85535 Rast=10"x10" Step=0" F Peak HaClass=SF N30E20 AR5395 MaxkeV=144 Step=0" I Exp #=85537 Rast=10"x10" Step=0" I Exp #=85537 Rast=10"x10" Step=0" I Peak HaClass=SF N30E20 AR5395 Mac.=EKC Carr.Lon.="	Event 89/03/	# = 10759 $11,04:53$	00Y=70	semit bun	SMM Pointing:	N35E21		Pitch=-703", Yaw	w=+53", Roll	=-20deg	H.Ang=47deg
= 10760 Start Peak End times HaClass=SF N30E20 AR5395 Mac.=EKC Carr.Lon.='  Start Peak HaClass=SF N30E20 AR5395 Mac.=EKC Carr.Lon.='  Qual=01 Tot Cts=392 MaxkeV=144 Step=0" (Qual=01 Tot Cts=392 MaxkeV=144 Step=0" (Qual=01 Tot Cts=392 MaxkeV=144 Step=0" (Qual=01 Tot Cts=150 MaxkeV=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=102 Flags=I Mayelength=1375A Exp #=85537 Rast=10"x10" Step=0" (Qual=01 Tot Cts=150 MaxkeV=100 To	GOES HXRBS UVSP	04:53:08 04:44	. 04:53:1	04:53:48	Peakc/s=156 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1345 Exp #=85535	MaxkeV=231 Rast=10"x10"	Step=0"	Pitch=-609",	", Yaw=+29"
Start Peak End times HaClass=SF N30E20 AR5395 Mac.=EKC Carr.Lon.=; Qual=00 Qual=01 Tot Cts=392 MaxkeV=144 Step=0"   04:58	Event 89/03/	# = 10760	D0Y=70		SMR	N35E21		Pitch=-703",Ya	w=+53",Roll	=-20deg	H.Ang≈47deg
# = 11152 11,05:07 DOY=70 SMM Pointing: N35E21 Pitch=-703",Yaw=+53",Roll= Start Peak End times HaClass=SF N30E20 AR5395 Mac.=EKC Carr.Lon.=' Navelength=1375A Exp #=85537 Rast=10"x10" Step=0"	Optic GOES HXRBS UVSP	Start 1) 05:03:35 04:58	reak ) 05:04:4	o5:04:49	E P E		AR5395 Tot Cts=392 Exp #=85537	Mac.=EKC MaxkeV=144 Rast=10"x10"	Carr.Lon. Step=0"	.=256deg	H.Ang=42deg
Start Peak End Unico 11 Qual=01	Event 89/03,	# = 11152 '11,05:07	DOY=70		SME	N35E21		Pitch=-703", Ya	w=+53", Roll	]=-20deg	H.Ang=47deg
05:07:11 05:07:34 05:07:41 Peakc/s=43 Qual=01 Tot Cts=150 MaxkeV=102 Flags=I 04:58 Wavelength=1375A Exp #=85537 Rast=10"x10" Step=0"	Optica	Start 1]	Реак		HaClass=S	N30E20	AR5395	Mac.=EKC	Carr.Lon.	.*256deg	H.Ang=42deg
	GOES HXRBS UVSP	05:07 04:58	1 05:07:3	14 05:07:41	Peakc/s=43 Wavelength=1375A		Tot Cts=150 Exp #=85537	MaxkeV=102 Rast=10"x10"	Flags=I Step=0"	Pitch=-658	Pitch=-658",Yaw=+77"

Event # = 11153 89/03/11.05:31 DOY	=70		SMM Pointing.	NOECOI					
Peak	End	times	· 6			Pitch=-/03",Yaw	, Yaw=+53", Roll:	, Roll=-20deg	H.Ang≈47deg
05:	31 06:1		HaClass=IN HaClass=SF Importance=M2	N31E21 N31E29	AR5395 AR5395	Mac.=EKC	Carr.Lon.=255deg Carr.Lon.=247deg		H. Ang=43deg H. Ang=47deg
05:14:06 05:04:24 05:2	05:20:44 05:22: 05:21 05:23	8	Peakc/s=1253 CaPeak.c/s=751		Tot Cts=1.43E+5 FePeak=05:21	MaxkeV=274 FePeak.c/s=297	Flags=I #Peaks=3	2/5	XFN=907002
cy (≇	05:11 Frequency(MHz)/Flux(sfu)	fu):	Wavelength=1375A 245/1100 1415/61	4 Code=01 1 2695/150	Rast=180"x180 Exp #=85539 Rast=10"x10" 4995/480 8800/1400 15400/1600	Rast=180"x180" Rast=10"x10" 400 15400/1600	Step=10" Step=0"	Cad= 332s 1 Pitch=-638",	1.024s/pixel ", Yaw=+6"
DOY=70 Peak		End times	SMM Pointing:	N35E21		Pitch=-703", Yaw=+53"	=+53", Roll=	, Roll=-20deg	H.Ang=47deg
	06:03:40 06:04:18		Peakc/s=46 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=158 Exp #=85540	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-693"	, Yaw=+57"
= 10762 1,06:25 DOY=70 Start Peak	End	times	SMM Pointing:	N35E21		Pitch=-700", Yaw	, Yaw=+43", Roll=	, Roll=-20deg	H.Ang=46deg
06:25:07 06:25: 06:17	5:11 06:25	36	Peakc/s=90 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=162 Exp #=85544	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=-625",	, Yaw=+3"
Event # = 10763 89/03/11,06:39 DOY=70 Start Peak	End	times	SMM Pointing:	N35E21		Pitch=-700", Yaw≃	, Yaw=+43", Roll=	, Roll=-20deg	H.Ang=46deg
06:3	06:39:51 06:40:12		Peakc/s=69 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=217 Exp #=85546	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-615",	, Yaw=+12"
DOY=70 Peak	End	times	SMM Pointing:	N35E21		Pitch=-700", Yaw=+43"	+43", Roll=-20deg		H.Ang=46deg
06:50 06:45: 06:49	07:4 49 06:4 06:5	41	HaClass=SF Importance=M1 Peakc/s=810 CaPeak.c/s=602	N30E19 Qual=06 Qual=01 Oual= 1	AR5395 Tot Cts=35740 FePeak=06:48		".	Ļ	H.Ang=41deg
y (MH.2	06:45 Frequency (MHz)/Flux(sfu)	•• ;	A 52.5	Code=00 195/91 880	Exp #=85548 0/320 15400/970	Rast=240"x240" Rast=10"x10"	Step=0" F	ut= /./s	xen≅90/003 1.024s/pixel ',Yaw=+71"
06:53	06:55		eakc/s=156	Sociated Qual=01	Event # = 10765 Tot Cts=1309	MaxkeV=187	1 1 1	1 1 1 1 1	1 1 1 1
DOY=70 Peak	70 End ti	es	SMM Pointing:	N35E21		Pitch=-700", Yaw=+43"	+43", Roll=-20deg		H.Ang=46deg
)7 : 4C	07:40:59 07:41:1	9	Peakc/s=56 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=337 P Exp #=85551 F	MaxkeV=144 Rast=30"x30"	Step=10" P	Pitch=-613",	, Yaw=-5"

Event # = 10767 89/03/11.08:04 DOY=70		SMM Pointing:	N35E20		Pitch=-697", Yaw=+32"	+32",Roll≖-20deg		H.Ang=46deg
	End times 26 08:03:39 08:20	Peakc/s=147 CaPeak.c/s=85	Qual=06 Qual=01 Qual= 1	Tot Cts=5701 FePeak=08:03	MaxkeV=231 FePeak.c/s=16 Rast=180"x180"	#Peaks=2 Step=20"	dt= 3.8s X Cad=41.5s 0	xEN=907004 0.512s/pixel
FCS UVSP 07:58 Radio Frequency(MHz)/Flux(sfu)		Wavelength=1375A 2695/37 4995/100	8800/73	Exp #=85553		l l	P1tcn=-012	, Idw=10
Event # = 10768 89/03/11,08:09 DOY=70	Senit ban	SMM Pointing:	N35E20		Pitch=-697",Yaw=+32"	.+32",Roll=	, Roll=-20deg	H.Ang=46deg
	08:10:19 ux(sfu):	Qua Peakc/s=66 Qua Wavelength=1375A 245/27 410/51 606/17	]=00 ]=01	Tot Cts=587 Exp #=85553	MaxkeV=144 Rast=30"x30"	Step=10"	Pitch=-612",Yaw=+8"	, Yaw≖+8"
Event # = 10769 89/03/11,08:28 DOY=70 Start Peak	) End times	SMM Pointing:	N35E20		Pitch=-697", Yaw	, Yaw=+32", Roll=	, Roll=-20deg	H.Ang=46deg
GOES HXRBS 08:27:38 08:27:52 BCS 08:28 08:28	:52 08:28:22 08:29	Peakc/s=64 CaPeak.c/s=19	Qual=00 Qual=01 Qual= 2	Tot Cts=472 FePeak=08:28	MaxkeV=187 FePeak.c/s=7 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s X Cad= 590s 1	XEN=907005 1.024s/pixel
FCS UVSP 08:24 Radio Frequency(MHz)/Flux(sfu)	)/Flux(sfu):	Wavelength=2788A 8800/38 15400/57		Exp #=85554	Rast=180"x1"	,	F1 tcli=-308	4 5 5
Event $\# = 10770$		SMM Pointing:	N35E20		Pitch=-697",Yaw	, Yaw=+32", Roll:	, Roll=-20deg	H.Ang=46deg
Start Peak	End times		N29E1		Mac.=EKC	Carr.Lon.	=258deg	H.Ang=39deg
G0ES 08:57 09:04 HXRBS 09:03:57 09:04: BCS 09:05 09:05	.12 09:21 .12 09:06:16 .09:10	<pre>Importance=X1 Peakc/s=480 CaPeak.c/s=2478</pre>	Qua]= Qua]= Qua]=	Tot Cts=19278 FePeak=09:05	MaxkeV=231 FePeak.c/s=926 Rast=240"x240"	Flags=SN #Peaks=1 Step=10"	dt= 3.8s X Cad= 590s 1	xEN=907006 1.024s/pixel
08:56 Canada (MHz) /Flux (sfu):	)/Flux(sfu):	Wavelength=2788A 410/660 606/280	. Code=00 1415/220	Exp #=85555 2695/220 4995/50	Rast=180"x1" 00 8800/1700 1540	Step=0" 00/2800	Pitch=-56U	C+-=M₽1'.
Kadlo Frequency (Ind. 	9:09:04 09:09:56	Peakc/s=100 Qual=01 Wavelength=2788A	issociated Qual=01	Event # = 1077   Tot Cts=1212   Exp #=85556	ted Event # = 10771		tch=-	>_
Event # = 10772 89/03/11,09:30 D0Y=70		SMM Pointing:	N35E19		Pitch=-694",Yaw∍	w=+22",Roll	, Roll=-20deg	H.Ang=46deg
GOES HXRBS 09:29:46 09:30:06 UVSP 09:15	0:06 09:30:18	Peakc/s=108 Wavelength=2788	Qual=01 Qual=01 A	Tot Cts=947 Exp #=85557	MaxkeV=144 Rast=243"x243"	Step=3"	Pitch=-687"	7", Yaw=+36"
Event # = 10774 89/03/11,09:46 D0Y=	=70	SMM Pointing:	 N35E19		Pitch=-694",Ya	, Yaw=+22", Rol	, Roll=-20deg	H.Ang=46deg
Pea 0 09:	Enu time: 6:16 09:46:43	s Peakc/s=42 Wavelength=2788A	Qual=03 Qual=01 A	Tot Cts=229 Exp #=85557	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-687",	7", Yaw=+36"

6d	'7 xel	ති ති <b>ම</b>	, 88 v	- Ge		Ş		<u>ō</u>		[e]	0		[a
H.Ang=46deg	XEN=907007 2.048s/pixel	H. Ang=43deg	EN=90700 .024s/pi Yaw=-55"	H.Ang=46deg	", Yaw=-55"	H.Ang=46deg	", Yaw=-55"	H.Ang=46deg	XEN=907009	1.024s/pixel ",Yaw=-55"	H.Ang=46deg	XEN=907010	1.024s/pixel ", Yaw=-236"
, Roll=-20deg	dt= 7.7s x Cad=1083s 2 Pitch=-687"		dt= 3.8s X Cad= 459s 1 Pitch=-557",	, Roll=-20deg	Pitch=-557",Yaw=	, Roll=-20deg	Pitch=-557	, Roll=-20deg	dt= 7.7s	Cad= 590s Pitch=-557"	, Roll=-20deg	dt= 7.7s	Cad= 590s Pitch=-535"
, Yaw=+22", Rol	#Peaks=3 Step=5" Step=3"	=-161" Carr.	#Peaks=1 Step=15" Step=0"	, Yaw=-161", Rol	Step=0"	#=-161", Rol	Step=0"	/=-161", Rol	#Peaks=1	Step=10" Step=0"	, Yaw=-161", Roll		Step=10" Step=0"
Pitch=-694", Ya	MaxkeV=102 FePeak.c/s=74 Rast=115"x115" Rast=243"x243"	Pitch=-672", Ya Mac.=EKC	MaxkeV=102 FePeak.c/s=10 Rast=420"x240" Rast=180"x1"	Pitch=-672", Ya	MaxkeV=102 Rast=180"x1"	Pitch=-672", Yaw=-161"	MaxkeV=102 Rast=180"x1"	Pitch=-672", Yaw=-161"	MaxkeV=102 FePeak.c/s=26	Rast=240"x240" Rast=180"x1"	Pitch=-672",Yaw	MaxkeV=144 FePeak.c/s=14	Rast=240"x240" Rast=180"x1"
	Tot Cts=4231 FePeak=09:47 Exp #=85557	AR5395	Tot Cts=275 FePeak=10:39 Exp #=85559		Tot Cts=894 Exp #=85559		Tot Cts=396 Exp #=85559		Tot Cts=2116 FePeak=10:55	Exp #=85559		Tot Cts=1155 FePeak=11:28	Exp #=85560
N35E19	Qual=03 Qual=01 Qual= 1	N38E06 N33E17	Qual=01 Qual= 4	N38E06	Qua]=00 Qua]=01	N38E06	Qual=00 Qual=01	N38E06	Qual=00 Qual=01 Qual= 1		N38E06	Qual=01 Qual=01 Qual= 1	
SMM Pointing:	Peakc/s=73 CaPeak.c/s=322 Wavelength=2788A	SMM Pointing: HaClass=SF	Peakc/s=62 CaPeak.c/s=35 Wavelength=2788A	SMM Pointing:	Peakc/s=49 Wavelength=2788A	SMM Pointing:	Peakc/s=54 Wavelength=2788A	SMM Pointing:	Peakc/s=106 CaPeak.c/s=159	Wavelength=2788A 8800/91	SMM Pointing:	Peakc/s=135 CaPeak.c/s=71	Wavelength≈2788A 245/490 410/310
End times	09:43:56 10:03	End times	10:41:39 10:43	End times	10:48:00	End times	10:52:21	End times	10:57:39 11:13	ux(sfu):	End times		
3 D0Y=70 Peak	3 09:40:12 09:48	DOY=70 Peak	10:41:04 10:39	DOY=70 Peak	10:47:10 10:48:00	DOY=70 Peak	10:51:08 10:52:21	D0Y=70 Peak	10:53:33 10:53:58 10:57:39 10:46 10:57 11:13	0:28 Frequency(MHz)/Flux(sfu)	DOY=70 Peak	11:25:59 11:26:44 11:27:11 11:24 11:28 11:35	11:29 Frequency(MHz)/Flux(sfu)
Event # = 10773 89/03/11,09:48 Start	09:39:53 09:10 09:15	Event # = 10775 89/03/11,10:39 Start Optical GOES	10:40:5 10:38 10:28	Event # = 10776 89/03/11,10:47 Start Start	10:45:51 10:28	Event # = 10777 89/03/11,10:51 Start	10:50:55 10:28	Event # = 10778 89/03/11,10:57 Start	10:53:33 10:46	10:28 Frequenc	Event # = 10779 89/03/11,11:28 Start	11:25:59 11:24	11:29 Frequency
Event 89/03	GOES HXRBS BCS FCS UVSP	Event 89/03, 0ptica GOES	HXRBS BCS FCS UVSP	89/03/	HXRBS UVSP	89/03/	HXRBS UVSP	Event 89/03/	HXRBS HXRBS BCS FCS	UVSP Radio	Event   89/03/	HXRBS BCS FCS	UVSP Radio

Event # = 10780	h-		SMM Pointing:	N38E05	d	Pitch=-668",Yaw=-172"	-172",Roll=	Roll=-20deg H	H.Ang=45deg
09/U3/11,16:31 Start Ontical	Peak	Ś		N32E14	AR5395 M	Mac.=EKC	Carr.Lon.=258deg		H.Ang=41deg
GOES 12:23 HXRBS 12:20:28 BCS 12:12	12:31 28 12:25:59 12:30	12:39 12:33:56 12:57	ortance=M1 kc/s=138 eak.c/s=584	Qual=01 Qual=01 T Qual= 1 F	Tot Cts=14906 M FePeak=12:28 F R	MaxkeV=102 FePeak.c/s=137 Rast=240"x240"	#Peaks=3 c Step=10" (	dt= 7.7s X Cad= 590s 1	XEN=907011 1.024s/pixel
	12:03 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=2788A 8800/75 15400/65		Exp #=85561 R		1	Pitch=-534",	1aw=-240
Event $\# = 10781$	81 7 nnv=70		SMM Pointing:	N38E05		Pitch=-668",Yaw=	, Yaw=-172", Roll:	,Roll=-20deg F	H.Ang=45deg
69/U3/11,12.3 Start Optical	Peak	End times	Class=SF	\$18E23	AR5398 P	Mac.=CAO	Carr.Lon.=249deg		H.Ang=25deg
3 12:51 12:57	;41 12:51:50 12:57	0 12:52:06 13:03	Peakc/s=221 CaPeak.c/s=28	Qual=03 Qual=01 Qual= 5	Tot Cts=946 P FePeak=12:57	MaxkeV=144 FePeak.c/s=5 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s ) Cad= 590s ]	XEN=907012 1.024s/pixel
FCS UVSP 13:02			₩avelength=2788A		Exp #=85562			Pitch=-531"	, Yaw=-246"
Event # = 10782 89/03/11,13:46	82 6 DOY=70		SMM Pointing:	N38E05		Pitch=-668",Yaw⁼	', Yaw=-172", Roll=-20deg		H.Ang=45deg
Start GOES HXRBS 13:45: UVSP 13:35	Peak :58 13:46:15	End times 5 13:46:28	Peakc/s=51 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=222 Exp #=85563	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-530"	, Үам=-250"
Event # = 22551 89/03/11,13:48 Start	551 18 DOY=70 Peak	End times	Ha Class=SF	N28E13	AR5395	Mac.=EKC	Carr.Lon.=258deg	=258deg	H.Ang≕37deg
Uptical GOES BCS 13:46 FCS 13:35 UVSP 13:35	13:48	13:53	eak.c/s= /elength=	Qual=00 Qual= 4	FePeak=13:46 Exp #=85563	FePeak.c/s=9 Rast=420"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s X Cad= 459s 1 Pitch=-530",	XEN=907013 1.024s/pixel ", Yaw=-250"
Event # = 10783	783 08 DOY=70		SMM Pointing:	N38E04		Pitch=-664", Yaw	, Yaw=-182", Rol	, Roll=-20deg	H.Ang≈45deg
Start	Peak	End time	10	N30E11	AR5395	Mac.=EKC	Carr.Lon.=260deg	=260deg	H.Ang=39deg
GOES 14:01 HXRBS 14:01:30 BCS 14:02	14:08 :30 14:05:09 14:07	14:15 09 14:10:33 14:17	<pre>Importance=M1 Peakc/s=374 CaPeak.c/s=565</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=30843 FePeak=14:06	MaxkeV=144 FePeak.c/s=169 Rast=240"x240"	#Peaks=1 Step=10"	dt= 3.8s X Cad= 590s 1	xEN=907014 1.024s/pixel
	Tvn		Wavelength=2788A III/3	•	Exp #=85564	Rast=180"x1"		Pitch≖-528	',Yaw=-256"
• -	Frequency (MHz)/Flux(sfu) 		245/640 606/120 	8800/110 3 Associated Qual=01	15400/82   Event # = 10784   Tot Cts=98   Event # = 22552	_		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
BCS 14:18 FCS	14:18 14:18 14:20		CaPeak.c/s=20	Qual= 5	FePeak=14:18	FePeak.c/s=6 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	XEN=90/015 1.024s/pixel
								İ	

14:24					
14:24 14:24 14:26 CaPeak.c/s=21 Qual=50					
Mavelength=2788A  D0Y=70  Beak  D0Y=70  SMM Pointing: N38E04  15:24  15:24  15:25  15:25  DOY=70  Mavelength=2788A Code=00  15:24:24 15:24:45  Peakc/s=233  Wavelength=2788A Code=00  15:24:24 15:24:45  Peakc/s=848  Wavelength=2788A Code=00  DOY=70  SMM Pointing: N38E03  HaClass=28  N28E13  15:40  15:50  15:50  SMM Pointing: N38E03  Wavelength=2788A  Wavelength=2788A  Mavelength=2788A  Peakc/s=336  Wavelength=2788A  Mavelength=2788A  Mavelength=2788A  Mavelength=2788A  Mavelength=2788A  Wavelength=2788A  Wavelength=2788A  Mavelength=2788A  Wavelength=2788A	FePeak=14:24	FePeak.c/s=7	#Peaks=1	= 7.75	XEN=007016
DOY=70  DOY=70  End times  HaClass=SF  15:24  15:23  15:25  HaClass=SF  S15E31  15:23  15:25  Mavelength=2788A Code=00  15:24:24 15:24:45  Peakc/s=533  Wavelength=2788A Code=00  15:24:24 15:24:45  Peakc/s=848  Qual=01  15:40  15:40  15:50  DOY=70  Mavelength=2788A	Exp #=85564	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=-528"	=_
15:24 15:26 Importance=C4 Qual=01 15:23 15:23:22 Peakc/s=23 Qual=01 15:23 15:26 CaPeak.c/s=53 Qual=01 15:23 15:26 CaPeak.c/s=53 Qual=01 15:23 15:26 CaPeak.c/s=53 Qual=01 15:24:24 15:24:45 Peakc/s=848 Qual=01 15:24:24 15:24:45 Peakc/s=848 Qual=01 15:37:04 15:40		Pitch=-664", Yaw	, Yaw=-182", Roll=-20deg	20deg	H.Ang=45deg
15:23:09 15:23:22 Peakc/s=233 Qual=01 15:24  Wavelength=2788A Code=00 15:24:24 15:24:45 Peakc/s=848 Qual=01  DOV=70 SMM Pointing: N38E03 Peak End times HaClass=2B N28E13 15:39 15:50 CaPeak.c/s=536 Qual=01 15:39 15:50 Peakc/s=388 Qual=01 15:39 15:54 Peakc/s=336 Qual=01 15:39 15:50 Peakc/s=336 Qual=01 15:53:21 15:54 Peakc/s=336 Qual=01 15:53:21 15:54 Peakc/s=336 Qual=01 15:53:21 15:54 Peakc/s=339 Qual=01 15:53:21 15:55:46 Peakc/s=354 Qual=01 15:50 16:02 CaPeak.c/s=232 Qual=01 16:06 16:12 CaPeak.c/s=49 Qual=01 16:06 16:12 CaPeak.c/s=49 Qual=01 16:06 16:12 CaPeak.c/s=49 Qual=01 16:06 16:12 CaPeak.c/s=49 Qual=01 16:06 16:12 CaPeak.c/s=49 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=49 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01 16:06 16:12 CaPeak.c/s=60 Qual=01	AR5398	Mac.=CAO	Carr.Lon.=240deg	0deg	H.Ang=31deg
Wavelength=2788A Code=00   List   L	Tot Cts=2878 FePeak=15:23	MaxkeV=187 FePeak.c/s=13		200	XEN+007017
15:24:24 15:24:45		Rast=240"x240" Rast=180"x1"	Step=10" Cad Step=0" Pit	Cad= 590s Pitch=_527	1.024s/pixel
DOY=70 Peak End times HaClass=2B N28E13 15:37 15:37 15:39 15:50 15:50 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 15:53:21 16:02  DOY=70 Peak 16:02  DOY=70 Peak 16:02  DOY=70  Mavelength=2788A Code=02  DOY=70  Wavelength=2788A Code=02  DOY=70  Wavelength=2788A Code=02  DOY=70  Wavelength=2788A Code=02  DOY=70  Wavelength=2788A Code=02	0786	MaxkeV=187	•	)	
15:40		Pitch=-660", Yaw	, Yaw=-192", Roll=-20deq	0deq	H. Ana=45dea
15:37:04 15:49:56 Peakc/s=938 Qual=01 15:39 15:50 CaPeak.c/s=536 Qual=01 15:53:21 15:54:19 Peakc/s=139 Qual=01 15:55:35 15:55:46 Peakc/s=354 Qual=01 15:50 16:02 CaPeak.c/s=232 Qual=01 15:50 16:02 CaPeak.c/s=232 Qual=01 16:06 End times  DOY=70 Wavelength=2788A Code=02  DOY=70 Wavelength=2788A Code=02  DOY=70 Wavelength=2788A Code=02 Peak End times  May Pointing: N38E03	AR5395	Mac.=EKC	Carr.Lon.≈257deg	deg	H.Ana=37dea
Wavelength=2788A  15:53:21 15:54:19 Peakc/s=139 Qual=01  15:55:35 15:55:46 Peakc/s=354 Qual=01  15:50 16:02 CaPeak.c/s=232 Qual=01  15:50 16:02 CaPeak.c/s=232 Qual=01  16:07 End times  16:06 16:12 CaPeak.c/s=49 Qual=01  16:06 16:12 CaPeak.c/s=49 Qual=01  Wavelength=2788A Code=02  DOY=70  Peak End times  SMM Pointing: N38E03	Tot Cts=8.69E+5   FePeak=15:39	MaxkeV=467 FePeak.c/s=3041	Flags=M5, I, FS #Peaks=1 d+=	7 70	0.000-407
15:53:21 15:54:19 Peakc/s=139 Qual=01 15:55:35 15:55:46 Peakc/s=354 Qual=01 15:50 16:02 CaPeak.c/s=232 Qual=01 15:50 16:02 CaPeak.c/s=232 Qual=5 16:06 16:10 Importance=C3 Qual=01 16:06 16:12 CaPeak.c/s=49 Qual= 1 Wavelength=2788A Code=02 Peak End times  NAM Pointing: N38E03	Exp #=85566	Rast=240"x240" Rast=180"x1"	Step=10" Cad= 590s Sten=0" Pi+ch=_524"	= 590s ch==524"	1.024s/pixel "Value 266"
15:55:35 15:55:46 Peakc/s=354 Qual=01 15:50 16:02 CaPeak.c/s=232 Qual=5  D0Y=70 Peak End times 16:06 16:12 CaPeak.c/s=49 Qual=1  Wavelength=2788A Code=02  D0Y=70 Wavelength=2788A Code=02 Peak End times  SMM Pointing: N38E03	vent # = 10788 ot Cts=1061	MaxkeV=144		# 7C 1	, aw=-200
15:50 16:02 CaPeak.c/s=232 Qual= 5  D0Y=70 Peak 16:07 16:10 Importance=C3 Qual=01 16:06 16:12 CaPeak.c/s=49 Qual= 1 Wavelength=2788A Code=02  D0Y=70 SMM Pointing: N38E03	789	MaxkeV=187	1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DOY=70 Peak 16:07 16:10 16:12 CaPeak.c/s=49 Qual=1 Wavelength=2788A Code=02 DOY=70 SMM Pointing: N38E03	ent # = 22554 !Peak=15:50 F	,   5 	#Peaks=1 dt= Step=10" Cad=	dt= 7.7s Cad= 590s	XEN=907019 1.024s/pixel
16:06 16:12 CaPeak.c/s=49 Qual= 1 Wavelength=2788A Code=02  00Y=70 SMM Pointing: N38E03 Peak End times					
Wavelength=2788A Code=02 D0Y=70 SMM Pointing: N38E03 Peak End times	FePeak=16:06 F				XEN=907020
DOY=70 SMM Pointing: Peak End times	Exp #=85566 R	Rast=240"x240" Rast=180"x1"	Step=10" Cad= Step=0" Pitc	Cad= 590s Pitch=-524"	1.024s/pixel ', Yaw=-266"
	d	Pitch=-660", Yaw=-192", Roll=-20deg	-192", Roll=-20		H.Ang=45deg
16:12:51 16:13:18 16:13:46 Peakc/s=145 Qual=01 Tot 16:08 Wavelength=2788A Exp	Cts=1796 #=85566	MaxkeV=187 Rast=180"x1"	Step=0" Pitc	h=_524"	Pitch=_524" Yaw=_266"

Event # = 10791 89/03/11,17:10 DOY=70	SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	26",Roll=-20		H.Ang=45deg
<pre>Start</pre>	Peakc/s=107 Wavelength=1375A 245/2700	Qual=00 Qual=01	Tot Cts=878 Exp #=85570	MaxkeV=102 Rast=30"x30"	Step=10" Pit	Pitch=-603", Yaw=-31"	Yaw≂-31"
Event # = 10792 89/03/11,17:16 DOY=70	SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	=-26", Roll=-2(		H.Ang=45deg
17:16:40	Peakc/s=57 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=301 Exp #=85570	MaxkeV=102 Rast=30"x30"	Step=10" Pi	Pitch=-603",Yaw≖-31	,Yaw=-31"
Event # = 10793 89/03/11,17:20 DOY=70	SMM Pointing:	N35E15		Pitch=-678", Yaw=-26",	r=-26", Roll=-20deg		H.Ang=45deg
Start Peak End times	s HaClass=SF	N30E10	AR5395	Mac.=EKC	Carr.Lon.=259deg		H.Ang=38deg
GÖES HXRBS 17:20:01 17:20:29 17:20:37 UVSP 17:05	' Peakc/s=45 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=186 Exp #=85570	MaxkeV=102 Rast=30"x30"	Step=10" Pi	Pitch=-603",Yaw≖-31	, Yaw=-31"
	SMM Pointing:	N35E15	distance of the state of the st	Pitch=-678", Yaw=-26", Roll=-20deg	26", Roll=-2	0deg	H.Ang=45deg
Start Peak End times	es HaClass=SF	N29E12	AR5395	Mac.=EKC	Carr.Lon.=257deg		H.Ang≈38deg
GÖES HXRBS 17:26:44 17:27:13 17:27:22 UVSP 17:26	2 Peakc/s=56 Wavelength=1375A	uua।=00 Qual=01	Tot Cts=266 Exp #=85572	MaxkeV=102 Rast=30"x30"	Step=10" Pi	Pitch=-597",	, Yaw=-34"
Event # = 10795 89/03/11.17:32 DOY=70	SMM Pointing:	N35E15	ALADAMINIT TOTAL AND ALADAMINIT TOTAL AND ALADAMINIT TOTAL AND ALADAMINIT TOTAL AND ALADAMINIT TOTAL AND ALABAMINIT  AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMININ AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA AND ALABAMINITA	Pitch=-678", Yaw=-26", Roll=-20deg	w=-26", Roll=-2	0deg	H.Ang=45deg
Start Peak End times	es HaClass=SF	N29E12	AR5395	Mac.=EKC	Carr.Lon.=257deg	Jdeg	H.Ang≕38deg
GÖES HXRBS 17:28:53 17:30:51 17:33:00 BCS 17:11 17:32 17:49 FCS UVSP 17:26	O Peakc/s=260 CaPeak.c/s=121 Peak3c/s=-1 Wavelength=1375A	Qual=00 Qual=11 Qual= 1	Tot Cts=6310 FePeak=17:32 Exp #=85572	MaxkeV=231 FePeak.c/s=34 Rast=0"x0" Rast=30"x30"	Flags=DG #Peaks=3 dt Step=0" Ca Step=10" Pi	dt= 7.7s X Cad=.26s 0 Pitch=-597",	XEN=907021 0.256s/pixel ", Yaw=-34"
Event # = 10796 89/03/11,17:41 DOY=70	SMM Pointing:	N35E15		Pitch=-678", Yaw=-26", Roll=-20deg	w=-26",Roll=-2	50deg	H.Ang=45deg
17:41:10	6 Peakc/s=105 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=5847 Exp #=85573	MaxkeV=144 Rast=180"x1"	Step=0" Pi	itch=-542"	Pitch=-542",Yaw=-101"

	b <sub>e</sub>		(e)		,			ກ		מס		T)			7		
	H.Ang≈44deg	XEN=907022	1.024s/pixe , Yaw=-36"	H.Ang=44deg	, coroo-wax	^EN=9U/UZ3 1.024s/pixel ',Yaw≕-33"	H Ann=44den		4 Ann=44d			•	, .um02 H.Ang=44deg	KEN=007024	1.024s/pixel ',Yaw=-101"	H. Ang=44deg	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
	,Roll≈-20deg	,SN,ES,FS dt= 7.7s		=-20deg		ut- 3.03 Cad= 590s Pitch=-664"		-587"	}	Pi+ch=_587"	3	576"	<b>,</b>		= 590s ch=-573'		1 · · · · · · · · · · · · · · · · · · ·
	,Yaw=-36",Roll	Flags=M5 #Peaks=1	Step=10" Step=10"	, Yaw=-36", Roll=-		Step=10" Step=5"	v=-47".Roll=	Step=0"	.47"	ten	47"	1001			Step=10" Step=10"	,Yaw=-67",Roll=-20deg	1000
=	Pitch=-6/4",Ya	MaxkeV=274 FePeak.c/s=69	Rast=240"x240" Rast=30"x30"	Pitch=-674", Ya	MaxkeV=231 FePeak.c/s=25	Rast=240"x240" Rast=265"x265"	Pitch=-671", Yaw=-47"	MaxkeV=102 Rast=10"x10"	Pitch=-671", Yaw=-	MaxkeV=102 Rast=10"x10"	Pitch=-671" Yaw=.	=102 )"×10	.899	MaxkeV=102 FePeak.c/s=16	Rast=240"x240" Rast=30"x30"	Pitch=-664", Yaw:	MaxkeV=144
		Tot Cts=24710 FePeak=18:31	Exp #=85576		Tot Cts=1795 FePeak=19:58	35581		Tot Cts=238 Exp #=85583		Tot Cts=349 Exp #=85583		Tot Cts=540 Exp #=85585		Tot Cts=180 FePeak=21:52			Tot Cts=4838
NASETA	0.13]=05	Qual=04 Qual= 1	Code=00	N35E14	Qual=00 Qual=02 Qual= 4		N35E14	Qual=05 Qual=01	N35E14	Qual=05 Qual=01	N35E14	Qual=01 Qual=01	N35E13	Qual=01 Qual=01 Qual= 1	<b></b>	N35E12	Qual=01
CMM Dointing.	Importance=Mi	Peakc/s=710 CaPeak.c/s=418	Wavelength=1375A III/3 410/6200 606/430	SMM Pointing:	Peakc/s=143 CaPeak.c/s=206	₩avelength=1375A	SMM Pointing:	Peakc/s=42 Wavelength=1375A	SMM Pointing:	Peakc/s=61 Wavelength=1375A	SMM Pointing:	Peakc/s=87 Wavelength=1375A		Peakc/s=55 (aPeak.c/s=70	Wavelength=1375A	SMM Pointing:	Importance=M1 (Peakc/s=183 (
	End times 18:51	19:07:35	ntensity:  lux(sfu):	Fnd + impo	19:58:1 20:42		4	20:05:51		End times 20:11:49		20:28:03	End times	49:45 18	-	1	00:08 23:15:25 P
	Peak 18:36		Type/Intensity uency(MHz)/Flux(sfu)	D0Y=70 Peak			D0Y=70	20:05:14	D0Y=70	20:	D0Y=70		D0Y=70 Peak	21:49:35 21:52			23:18 23:13:31
# = 10797 $/11.18:36$	Start 18:23	3 18:24:59 18:25	18:30 Sweeps Freq	Event # = 10798 89/03/11,19:59 Start	19:57:22 19:58	20:00	Event # = 10799 89/03/11,20:05	20:04:53 20:05	# = 10800 11,20:11	20:11:17 20:05	t # = 10801 3/11,20:27	20:27:40 20:18	# = 10802 11,21:52 Start	21:49:32 21:32	21:37	# = 10803 11,23:18 Start	23:12 23:12:08 23:11
Event 89/03/	GOES	HXRBS BCS FCS	UVSP Radio Radio	Event 89/03/	GOES HXRBS BCS	UVSP	Event 89/03/	GOES HXRBS UVSP	Event # 89/03/1	GOES HXRBS UVSP	Event 89/03/	GOES HXRBS UVSP	3 t	GOES HXRBS BCS BCS			GOES HXRBS UVSP

13.2 23.41.54 23.45.3 Peakc/s-45 Qual-01 Tot Cts-748 Raxte-V-102 Peak-523.45 Repak-523.45 Rep	+	SMM Pointing:	N35E12		Pitch=-664", Yaw=-67", Roll=-20deg	67", Roll=		H.Ang=44deg
89/03/12 D0Y=71  SMM Pointing: N35E11  N35E11  N35E11  Pitch=-661", Yaw=-78", Roll=-  Importance=M7  Qual=05  Peakc/s=80  Qual=01  SMM Pointing: N35E11  Pitch=-661", Yaw=-78", Roll=-  Rast=265"x265" Step=5"  Rast=265"x265" Step=5"  Rast=265"x265" Step=5"  Rast=265"x265" Step=5"  Rast=265"x265" Step=5"  Rast=265"x265" Step=5"  Rast=265"x264" Yaw=-78", Roll=-  SMM Pointing: N35E11  Pitch=-661", Yaw=-78", Roll=-  Rast=240"x240" Step=10"  Rast=30"x30" Step=1	n	c/s=45 ik.c/s=129 3c/s=11 length=1375A		ot Cts=748 -ePeak=23:43 -exp #=85601		i i		XEN=907025 1.024s/pixel ,Yaw=-99"
SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E10			89/03/12	DOY=71	wey "[AA]" Yaw	78" Roll:	20dea	H. Ang=43deg
Importance=M7   Qual=01	times		N33E11 N28E09	AR5395	Mac.=EKC	Carr. Lon.	-257deg	H.Ang=36deg
SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E11  SMM Pointing: N35E10	00:42 00:39:06	75A		Tot Cts=183 Exp #=85604	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-654"	, Үам=-65"
Peakc/s=80	o E	Pointing:	N35E11		Pitch=-661",Yaw	78", Roll:	=-20deg	H.Ang≖43deg
SMM Pointing: N35E11  SMM Pointing: N35E11  Importance=C8	2 ∞		Qual=00 Qual=01	Tot Cts=313 Exp #=85604	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-654	', Yaw=-65"
Importance=C8 Qual=01		S. M.	N35E11		Pitch=-661",Yaw	78", Roll	=-20deg	H.Ang=43deg
#avelength=1375A Code=00 Exp #=85606 Rast=30"x30" Step=10"  111/2  245/2100 410/250 606/160  SMM Pointing: N35E11  6 Peakc/s=50 Qual=01 Tot Cts=1003 MaxkeV=102  Wavelength=1375A  SMM Pointing: N35E10  SMM Pointing: N35E10  SMM Pointing: N35E10  Oual=00  Qual=00  Qual=00  Pitch=-661", Yaw=-78", Roll=87	- E	Cafe	Qual=01 Qual=01 Qual= 1	Tot Cts=3680 FePeak=00:46	MaxkeV=144 FePeak.c/s=52 Rast=240"x240"		dt= 7.7s Cad= 590s	XEN=907100 1.024s/pixel
SMM Pointing: N35E11  Qual=01  Speakc/s=50  Qual=01  Exp #=85608  SMM Pointing: N35E10  SMM Pointing: N35E10  Pitch=-661",Yaw=-78",Roll=-20deg  RaskeV=102  RaskeV=102  Pitch=-657",Yaw=-88",Roll=-560"  Pitch=-657",Yaw=-88",Roll=-20deg  Pitch=-657",Yaw=-88",Roll=-50deg  RaskeV=102  Mayelength=1375A  Exp #=85613  RaskeV=102  RaskeV=102  RaskeV=102  Step=10" Pitch=-560"	:: ::		Code=00 606/160	Exp #=85606	Rast=30"x30"		Pitch=-561	", Yaw=-12/"
SMM Pointing: N35E10			N35E11		Pitch=-661", Yaw	w=-78", Roll	=-20deg	H.Ang=43deg
SMM Pointing: N35E10 Pitch=-657", Yaw=-88", Roll=-20deg  ss Qual=00 Cts=476 MaxkeV=102 Step=10" Pitch=-578"  Wavelength=1375A Exp #=85613 Rast=30"x30" Step=10" Pitch=-578"  : 245/3700	20 lie	Peakc/s=50 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=1003 Exp #=85608	MaxkeV≠102 Rast=30"x30"	Step=10"	Pitch=-560	", Yaw=-115"
Qual=00 2 Peakc/s=57 Qual=01 Tot Cts=476 MaxkeV=102 Wavelength=1375A Exp #=85613 Rast=30"x30" Step=10" : 245/3700	ă	SAM	N35E10		Pitch=-657",Ya	W=-88", Rol	=-20deg	H.Ang=43deg
			Qua]=00 Qua]=01	Tot Cts=476 Exp #=85613	MaxkeV=102 Rast=30"x30"	Step=10"		s", Yaw=-148"

Marker   1000   Frequency (MHz)/Flux(sfu): 2457409Th=1375A   Qual-01   Exp #-85613   Rast-30°30' Step-10' Pitch578", Yaw-148"   Event #- 1000   Exp #-85617   Pitch657", Yaw-88' Roll20deg   H.Ang-43deg   Marker   1000   Marker   10	Event # = 10806 89/03/12,02:21 Start	806 21 DOY=71 Peak	End times	SMM Pointing:	N35E10		Pitch=-657", Yaw=-88", Roll=-20deg	IW=-88", Rol	]=-20deg	H.Ang=43deg
DOY=71   End times	GUES HXRBS 02:21 UVSP 02:18 Radio Frequ	:34 02:21:3 uency(MHz)/	7 02:22:52 Flux(sfu):	Peakc/s=67 Wavelength=1375 245/740	Qual=00 Qual=01 A		MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-57	3", Yaw=-148"
03:00:43 03:01:23 Peakc/s=69 Qual=01 Tot Cts=905 Haxkev=102 Flags=H5 ND Peak Carr.Lon=258deg Peak Cod=EPL STSA Rast=30"A30" Step=10" Pitch=-581 Peak Cod=50 Pea	Event # = 108 89/03/12,03:( Start Spical		End times	S. Fa.	N35E10	AD5305	127"	W=-88", Roll	=-20deg	H.Ang=43deg
DOY=71 Peak End times OUS:30 04:02:30 04:15:23 O4:11:23 O	OES IXRBS 03:00: IVSP 03:01	:11 03:00:4	3 03:01:23	Peakc/s=69 Wavelength=1375		Tot Cts=905 Exp #=85617	MaxkeV=102 Rast=30"x30"	Carr.Lon. Flags=M5, Step=10"	.=258deg ND Pitch=-58]	H.Ang=38deg .",Yaw=-148"
02:42:24 02:46:03 Peakc/s=46 Qual=10 Tot Cts=1589	vent # = 108 9/03/12,03:C Start	307 32 D0Y=71 Peak	End times	SMM Pointing	N35E10		Pitch≈-657",Ya	w=-88", Roll	=-20deg	H.Ang=43deg
DOV=71 Peak End times  03:49 03:58 CaPeak.c/s=20 Qual=00 O4:02:30 04:02:30 04:02:33 Peakc/s=49  04:02:30 04:02:30 04:05:39 Peakc/s=42  04:01:23 04:11:29 Peakc/s=49 O4:01:03 04:11:23 04:11:29 Peak.c/s=29  05:04		18 02:42:2 <sup>4</sup> 03:02	4 02:46:03 03:09	Peakc/s=46 CaPeak.c/s=130	Qual=00 Qual=11 Qual= 1	Tot Cts=1589 FePeak=03:02	MaxkeV=144 FePeak.c/s=27			XFN=907101
DOY=71 Peak End times Wavelength=1375A Exp #=85618 Exp #=85618  Rast=265"x264" Step=15" Cade 459s Rast=265"x264" Step=15" Cade 459s Rast=265"x264" Step=15" SMM Pointing: N35E10 Peak HaClass=SF N30W75 O4:02:30 04:02:33 Peak Mavelength=1375A Exp #=85618 Rast=260"x240" Step=15" SMM Pointing: N35E10 Pitch=-586", Yaw=-305", Roll=-39deg Qual=01 Carr.Lon.=354deg Carr.Lon.=354deg Qual=01 Carr.Lon.=354deg Carr.Lon.=354deg Qual=01 Carr.Lon.=354deg Carr.Lon.=354deg Qual=01 Carr.Lon.=354deg Carr.Lon.=354deg Qual=01 Carr.Lon.=354deg Carr.Lon.=354deg Qual=01 Carr.Lon.=354deg Carr.Lon.=354deg Carr.Lon.=354deg Qual=01 Carr.Lon.=354deg Carr.Lon.=354deg Carr.Lon.=354deg Qual=01 Carr.Lon.=354deg Carr.Lon	VSP 03:01 adio Frequ	ency (MHz)/F	داux(sfu):	Wavelength=1375/ 245/170 410/270	, 606/53	Exp #=85617	Rast=240"x240" Rast=30"x30"			
03:58	/ent # = 225 //03/12,03:4 Start	57 9 D0Y=71 Peak	End times							
Mavelength=1375A   Exp #=85618   Rast=420"x240"   Step=15"   Cad= 459s		03:49	03:58	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=03:51	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=907102
DOY=71 Peak End times HaClass=SF Ode=EPL Od	ŠP 03:48	ļ		Wavelength=1375A	_	Exp #=85618	Rast=420"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 459s Pitch=-579	1.024s/pixel ", Yaw=-293"
HaClass=SF	ent # = 108 /03/12,04:0; Start	DOY=7 Peak	End times	i	N35E10		Pitch=-586", Yaw	=-305", Rol	]=-39deg	H.Ang=43deg
04:02:30 04:02:33 Peakc/s=49 Qual=01 Tot Cts=113 MaxkeV=102  BOY=71 SMM Pointing: N35E10 Qual=01 Tot Cts=69 MaxkeV=102 Step=0" Pitch=-492  Qual=00 Qual=00 Qual=01 Tot Cts=69 MaxkeV=102 Step=0" Pitch=-492  Qual=00 Qual=01 Tot Cts=69 MaxkeV=102 Appeaks=1 dt= 7.7s  Rast=240"x240" Step=10" Cad= 590s  Wavelength=1375A Exp #=85622 Rast=10"x10" Step=0" Pitch=-481"	tical tical ES			HaClass=SF Code≕EPL	N30W75 N33W90	AR5385 AR5385		Carr.Lon.ª	=339deg =354deg	H.Ang=81deg H.Ang=94deg
DOY=71 Peak End times  Qual=00 04:11:23 04:11:29 Peakc/s=29 Qual= 1 FePeak=04:11 Pepeaks C/s=8 #Peaks=1 dt= 7.7s Wavelength=1375A Exp #=85622 Rast=10"x10" Step=0" pitch=-481'	RBS 04:02: SP 03:50	14 04:02:30	04:02:33	Peakc/s=49 Wavelength=1375A		Tot Cts=113 Exp #=85620	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-492'	', Yaw=-305"
04:11:09 04:11:23 04:11:29 Peakc/s=42 Qual=01 Tot Cts=69 MaxkeV=102	ent # = 108] /03/12,04:11 Start	10 ! D0Y≖71 Peak	End times	Pointing	N35E10		Pitch=-586", Yaw	305", Roll	=-39deg	H.Ang=43deg
04:05   Wavelength=1375A   Exp #=85622   Rast=10"x10"   Step=10"   Pitch=-481		9 04:11:23 04:11	04:11:29 04:15	Peakc/s=42 CaPeak.c/s=29	Qual=00 Qual=01 Qual= 1	Tot Cts=69 FePeak=04:11	MaxkeV=102 FePeak.c/s=8			XEN=907103
	04			Wavelength=1375A		Exp #=85622	Rast=240"x240" Rast=10"x10"			1.024s/pixel, Yaw=-336"

		_ :			T. E
XEN=907104 1.024s/pixel ", Yaw=-309"	н.Ang=43deg , Yaw=-96"	.Ang=43deg .Ang=39deg .024s/pixe Yaw=-191"	H.Ang=43deg H.Ang=37deg ',Yaw=-173"	H.Ang=43deg ", Yaw=-179"	H.Ang=43deg H.Ang=36deg XEN=907106 1.024s/pixel ", Yaw=-195"
dt= 7.7s X Cad= 590s 1 Pitch=-479",	,Roll=-20deg   5"   Pitch=-643"	9 78 90s -600	,Roll=-20deg	,Roll=-20deg H.Ang=43 5" Pitch=-562",Yaw=-17	,Roll=-20deg H Lon.=257deg H s=2 dt= 7.7s X 10" Cad= 590s 1 0" Pitch=-510", 0/40
#Peaks=1 Step=10" Step=0"	, Yаw=-109", Roll	109" Carr. Flags #Peak Step= Step=	, yaw=-109", Rol Carr.Lon. Step=10"	,Yaw=-119",Rol Step=5"	, Yaw=-119", Roll=-20de Carr.Lon.=257deg 44 #Peaks=2 dt= 7. 40" Step=10" Cad= 5 Step=0" Pitch= 0/130 15400/40
FePeak.c/s=7 Rast=240"x240" Rast=10"x10"	Pitch=-650", Yaw MaxkeV=102 Rast=265"x265"	Pitch=-650" Mac.=EKC MaxkeV=231 FePeak.c/s= Rast=30"x30 Rast=30"x30	Pitch=-650", Ya Mac.=EKC MaxkeV=102 Rast=30"x30"	Pitch=-647", Ye MaxkeV=102 Rast=70"x70"	Pitch=-647", Yaw=-119", Roll Mac.=EKC Carr.Lon.= MaxkeV=187 FePeak.c/s=44 #Peaks=2 Rast=240"x240" Step=10" Rast=180"x1" Step=0" 4995/120 8800/130 15400/40
FePeak=04:39 Exp #=85626	Tot Cts=145 Exp #=85627	AR5395 ot Cts=24232 ePeak=06:08 xp #=85631 vent # = 10834 ot Cts=9470	AR5395 Tot Cts=2186 Exp #=85633	Tot Cts=474 Exp #=85635	AR5395 Tot Cts=11623 FePeak=07:40 Exp #=85639 1415/63 2695/33
Qual=00 Qual= 3 F	N35E09 Qual=00 Qual=01	35E09 132E01  ual=01  ual=1  ual=1  cde=00 15400/31C  cociated	N35E09 N29E07 Qual=03 Qual=01 Code=00	N35E08 Qual=06 Qual=01	N35E08 N28E05 Qual=06 Qual=11 Qual= 1
CaPeak.c/s=28 Wavelength=1375A	SMM Pointing: Peakc/s=42 Wavelength=1375A	AMM Pointing:  HaClass=SF Importance=C8 Peakc/s=1280 CaPeak.c/s=382 Mavelength=1375A 4995/82 8800/240	SMM Pointing: HaClass=SN Importance=C9 PeakC/s=72 Wavelength=1375A 8800/35	SMM Pointing: Peakc/s=43 Wavelength=1375A 245/100	SMM Pointing: HaClass=SF PeakC/s=259 CaPeak.C/s=232 Wavelength=2788A 245/6100 410/490
End times 04:42	End times 10 05:20:21	End times 06:00 05:31:41 06:16 ux(sfu): 05:55:37	End times 06:13 15 06:08:49 /Flux(sfu):	End times 51 06:58:22 /Flux(sfu):	= 10816 07:42
D0Y=71 Peak 04:37	DOY=71 Peak ' 05:20:10	DOY=7 Peak 05:54 05:25 06:09 06:05	5 D0Y=71 Peak 06:09 2 06:07: ncy (MHz)	5 DOY=71 Peak )6 O6:56:51 ency (MHz)/F	16 DOY=71 Peak 19 07:36:39 07:42 ency(MHz)/F1
Event # = 22558 89/03/12,04:37 Start GOES BCS 04:31 FCS UVSP 04:31	# = 10832 /12,05:20 Start 05:19:57 05:20	Event # = 10833 89/03/12,05:54 Start Optical GOES 05:21 HXRBS 05:21:17 BCS 05:22 FCS 05:22 HXRPS 05:45 HXRBS 05:35:49	Event # = 10835 89/03/12,06:09 Start Optical GOES 06:05 HXRBS 06:05:42 UVSP 06:07 Radio Frequenc	<b>*</b> ₽	0 00 0
Event 89/03/ 60ES BCS FCS UVSP	Event # 89/03/12 GOES HXRBS (UVSP (	Event # 89/03/12/18/18/19/19/19/19/19/19/19/19/19/19/19/19/19/	Event # 89/03/12 0ptical GOES HXRBS UVSP Radio	Event 89/03/ GOES HXRBS UVSP Radio	Event # 89/03/1 Optical Optical GOES HXRBS BCS FCS UVSP Radio

Event 89/03/	Event # = 10817 89/03/12,07:47 Start	7 D0Y=71 Peak	Fnd + imp	SMM Pointing:	N35E08			Pitch=-647", Yaw=-119", Roll=-20deg	119", Rol	1=-20deg	H. Ang=43deg
GOES HXRBS UVSP Radio Radio	07:46:52 07:43 Sweeps Frequence	7:46:52 07:47:03 07:47:1 7:43 Type/Intensity Frequency(MHz)/Flux(sfu)	. m	Peakc/s=38 Wavelength=2788A II/2 245/560 410/3500	Qual=06 Qual=01	Tot	(ts=122 #=85639	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-510	Pitch=-510", Yaw=-195"
Event 89/03/ Optica	Event # = 10818 89/03/12,08:28 Start Optical	DOY= Peak	End times				AR5395	Pitch=-643", Yaw Mac.=EKC	, Yaw=-130", Roll=-20deg Carr.Lon.=257deg	]=-20deg =257dea	H. Ang=43deg
BCS SSS	08:24:04 08:39:00 08:25	4 08:39:40 08:28	09:25 0 09:07:45 08:42:00 09:16	<pre>importance=M/ Peakc/s=2817 CaPeak.c/s=4638</pre>	Qual=04 Qual=12 Qual= 1	Tot . FePe	Tot Cts=6.05E+5 FePeak=08:26	MaxkeV=467 FePeak_c/s=1788	Flags=M5, #Peaks=1	SN, DG, FS	Dur=180sec
uVSP UVSP Radio		N8:18 Frequency(MHz)/Flux(sfu)	Flux(sfu):	elength=278 5/880 8800/2	Code=00 00 15400/	Exp -		Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s 1 Pitch=-509",	1.024s/pixel 1.024s/pixel ",Yaw=-199"
BCS FCS UVSP	09:16 09:16	09:16	09:22	CaPeak.c/s=208 Wavelength=2788	Associated Qual= 5 8A		= 22559 9:16 643	FePeak.c/s=10 Rast=115"x115" Rast=180"x1"	#Peaks=1 Step=5" Step=0"	dt= 7.7s x Cad=1083s 2 Pitch=-507",	XEN=907108 2.048s/pixel ",Yaw=-205"
Event 89/03/	Event # = 10819 89/03/12,10:17 Start	) DOY=71 Peak	End times	SMM Pointing:	N38W08			Pitch=-606", Yaw=-338", Roll=-20deg	338", Roll		H.Ang=46deg
ECS HXRBS BCS FCS	10:14:54 10:15	10:15:05	10:16:01 10:31	Peakc/s=46 CaPeak.c/s=40	Qual=01 Qual=01 Qual= 1	Tot ( FePea	Tot Cts=358 FePeak=10:16	MaxkeV=102 FePeak.c/s=10		dt= 7.7s	XEN=907109
UVSP	09:48	i		Wavelength=2788A		Exp #	Exp #=85644 F		Step=10" Step=0"	Cad= 590s 1 Pitch=-472",	1.024s/pixel ',Yaw=-406"
Event   89/03/: 60ES	Event # = 10820 89/03/12,11:41 Start 60ES	D0Y=71 Peak	End times	SMM Pointing:	N38W09			Pitch=-602", Yaw=-348", Roll=-20deg	348", Roll	≖-20deg	H.Ang=46deg
HXRBS	11:41:18	11:41:39	11:41:56	Peakc/s=150 Wavelength=2788A	√ua =00 Qua]=01	Tot C Exp #	Cts=1110 M #=85646 R	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-469",Yaw≈-416"	, Yaw=-416"
Event # 89/03/1 Ontical	Event # = 10821 89/03/12,11:43 Start Ontical	D0Y=71 Peak	End times	Pointing:	N38W09			Pitch=-602", Yaw=-348",	-348", Roll	55	H.Ang=46deg
GOES HXRBS UVSP	11:43:35 11:22		11:43:49 11:44:02	(ass=sr akc/s=301 relength=2788A	N3UEU5 Qual=00 Qual=01	Tot C Exp ∰	Cts=1714 M #=85646 R	MaxkeV=144 Rast=180"x1"	Carr.Lon.=254deg Step=0" Pitch=	-469"	H.Ang=38deg ,Yaw=-416"

245/600 410/1300
0788N
Qual=02 Qual=01 Tot Cts=3598 Qual= 1 FePeak=12:26
3A Code=00 Exp #=85647 00 Associated Event # = 10824 Qual=01 Tot Cts=919
N38W09
Qual=00 Qual=01 Tot Cts=5222 Qual= 1 FePeak=13:21 Exp #=85648
Qual=00 Qual= 1 FePeak=13:59 Exp #=85649
N33E04 N29W00
Importance=M3 Qual=01 Peakc/s=3233 Qual=01 Tot Cts=4.36E+5 MaxkeV=467 CaPeak.c/s=1839 Qual= 1 FePeak=15:05

H. Ang=40deg	", Yaw=-259"	H.Ang=40deg	", Yaw=-259"	H.Ang=40deg	", Yaw≖-251"	H.Ang=40deg	XFN=907118	1.024s/pixel ", Yaw=-260"	H.Ang=40deg	XEN=907119	1.024s/pixel ", Yaw=-262"	H. Ang=40deg	, Уам=-201"
11=-20deg	Flags=M5,SN,FS Step=10" Pitch=-491",Yaw=-259"	]]=-20deg	Pitch=-491",	11=-20deg	Pitch=-525",Yaw=-251	, Roll=-20deg		Cad= 590s Pitch=-527	]=-20deg	S	Cad= 590s 1 Pitch=-526",	]=-20deg	Pitch=-548", Yaw=-201
Pitch=-600", Yaw=-175", Roll=-20deg	Flags=M5 Step=10"	Yaw=-175", Ro	Step=10"	/aw=-175", Ro	Flags=FS Step=10"	/aw=-186", Ro		% Step=10" Step=10"	aw=-186", Rol	#Peaks=3	" Step=10" Step=10"	aw=-196", Rol	Step=10"
Pitch=-600",	MaxkeV=274 Rast=30"x30"	Pitch=-600", Yaw=-175", Roll=-20deg	MaxkeV=231 Rast=30"x30"	Pitch=-600", Yaw=-175", Roll=-20deg	MaxkeV=274 Rast=30"x30"	Pitch=-596", Yaw=-186"	MaxkeV=102 FePeak.c/s=8	Rast=240"x240" Rast=30"x30"	Pitch=-596", Yaw=-186", Roll=-20deg	MaxkeV=187 FePeak.c/s=19	Rast=240"x240" Rast=30"x30"	Pitch=-592", Yaw=-196", Roll=-20deg	MaxkeV=144 Rast=30"x30"
	Tot Cts=71970 Exp #=85660		Tot Cts=5268 Exp #=85660		Tot Cts=15393 Exp #=85662		Tot Cts=249 FePeak=17:52	Exp #=85667		Tot Cts=780 FePeak=18:18	Exp #=85669		Tot Cts=844 Exp #=85674 2695/54 4995/75
N33E03	Qual=01 Qual=02 Code=00	N33E03	Qual=01 Qual=01 Code=00	N33E03	Qua]=00 Qua]=01	N33E02	Qual=00 Qual=01 Qual= 4		N33E02	Qual=01 Qual=01 Qual= 1	Code=00	N33E01	Qual=00 Qual=01 S06/110
SMM Pointing:	Importance=M2 Peakc/s=1553 Wavelength=1375A 606/220	SMM Pointing:	Importance=C5 Peakc/s=175 Wavelength=1375A	SMM Pointing:	Peakc/s=768 Wavelength=1375A 8800/180	SMM Pointing:	Peakc/s=64 CaPeak.c/s=25	Wavelength=1375A	SMM Pointing:	Importance=C4 Peakc/s=57 CaPeak.c/s=75	Wavelength=1375A	SMM Pointing:	Peakc/s=64 Wavelength=1375A 245/970 410/1400 6
	GOES 16:03 16:24 16:29 HXRBS 16:10:57 16:21:54 16:25:11 UVSP 16:18 Radio Frequency(MHz)/Flux(sfu):	Fod times	16:40 16:36:08	Fod times	2	End +imps			- to 0	18:22 18:19:04 18:25		End times	
DOY=71	16:24 7 16:21:54 1cy (MHz)/F	00Y=71	16:37 16:33:53	00Y=71	16:44:22 16:46:23 16:46:54 16:39 Frequency (MHz)/Flux(sfu):	00Y=71 Peak	17:54:59 17:53		DOY=71	18:20 18:18:38 18:18		DOY=71 Peak	19:35:36 19:36:08 19:36:48 19:25 Frequency(MHz)/Flux(sfu):
# = 1082 /12,16:24	16:03 16:10:57 16:18 Frequen	# = 10828 /12,16:37 Start	16:32 16:31:03 16:18	Event # = 10829 89/03/12,16:46 Start	16:44:22 16:39 Frequen	Event # = 10830 89/03/12,17:53 Start	17:54:52 17:52	17:50	Event # = 10831 89/03/12,18:20	18:16 18:13:45 18:06	18:13	Event # = 10836 89/03/12,19:36 Start	19:35:36 19:25 Frequenc
Event 89/03	GOES HXRBS UVSP Radio	Event 89/03,	GOES HXRBS UVSP	Event 89/03/	GOES HXRBS UVSP Radio	Event 89/03/	GOES HXRBS BCS BCS	UVSP	Event 89/03/	GOES HXRBS BCS FCS	UVSP	Event 89/03/	GOES HXRBS UVSP Radio

Event # = 10837 89/03/12,19:49 Start		DOY=71 Peak	End times	SMM Pointing:	N33E01 N30W02	AR5395	Pitch=-592",Yaw= Mac.=EKC	,Yaw=-196",Roll= Carr.Lon.=2	,Roll=-20deg H Lon.=257deg H	H.Ang=40deg H.Ang=37deg
GOES GOES HXRBS 19:40: BCS 19:18		19:42:01 19:49	19:43:31 19:59	e ak	Qual=00 Qual=01 Qual= 1	m	MaxkeV=144 FePeak.c/s=20 Rast=0"x0"	#Peaks=2 c Step=0" (	dt= 7.7s ) Cad=3840s	XEN=907120 3840s/pixel
FCS UVSP 19:4 Radio Fre	te sauenc	19:46 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A 15400/64		Exp #=85676		1	/7C==-37/	007MDI
Event # = 22561 89/03/12,19:49 Start	22561 9:49 rt	DOY=71 Peak	End times		N30W02	AR5395	Mac.=EKC	Carr.Lon.=	.=257deg	H.Ang=37deg
Optical GOES BCS 19:18 FCS 19:46 UVSP 19:46	18 46	19:49	19:59	eak.c/s=1 elength=1	Qual=00 Qual= 1	FePeak=19:43 Exp #=85676	FePeak.c/s=20 Rast=0"x0" Rast=30"x30"	#Peaks=2 Step=0" Step=10"	dt= 7.7s Cad=3840s Pitch=-527"	XEN=907120 3840s/pixel ",Yaw=-208"
Event # = 10838	= 10838			SMM Pointing:	N33W00		Pitch=-589", Yaw	, Yaw=-210", Roll	,Roll=-20deg	H.Ang=40deg
Sta cal	ir.	Peak	End times	Code	S42W10 S02W04			Carr.Lon.=264deg Carr.Lon.=258deg		H.Ang=36deg H.Ang=7deg
Uptical 60ES 20: HXRBS 20: BCS 20:	20:31 20:50:31 20:51	21:03 21:16:18 21:00	21:40 8 21:25:00 21:28		Qual=05 Qual=02 Qual= 4	ιŪ	MaxkeV=367 FePeak.c/s=1113 Rast=240"x240"	Flags=M5, #Peaks=1 Step=10"	SN dt= 7.7s X Cad= 590s 1	XEN=907121 1.024s/pixel
$\sim$ 1	57 Jennen	(/(MHz)/	0:57 Frequency(MHz)/Flux(sfu):	Wavelength=1375A Code=00 Exp #=85681 : 245/3200 410/15000 606/13000 15400/1700	A Code=00 000 606/130	5	Rast=30"x30"	Step=10"	Pitch=-549"	, Yaw=-2U2
' 40	21:34:19 2	21:34:37 21:34		•	Associated Qual=01 5A	Event # = 10839   Tot Cts=418		· 5	Pitch=-543	,Yaw≖-209"
	- 28	21:28	21:35		ssociatec Qual= 5	Event # = 22562 FePeak=21:28	FePeak.c/s=10 Rast=240"x240"	#Peaks=1 Step=10"	tt= 7.7s Cad= 590s	د • س
HCS UVSP 21:	:18			Wavelength=1375A	Y.	Exp #=85683	Rast=30"x30"	Step=10"	P1tcn=-543	, Taw=-209
Event # = 10840 89/03/12 22:28	1084(	) D0Y=71		SMM Pointing:	N33W00		Pitch=-589",Yaw	, Yaw=-210", Rol	, Roll=-20deg	H.Ang=40deg
St.	art	Peak	End times	es HaClass=SF	N33E01	AR5395	Mac.=EKC	Carr.Lon.	=252deg	H.Ang=40deg
GOES HXRBS 22: BCS 22: FCS 22: UVSP 22	22:24:04 22:25 22:27	4 22:26:03 22:28 22:41	22:29:2 23:09	4 Peakc/s=80 CaPeak.c/s=395 Peak3c/s=11 Wavelength=1375A	Qual=02 Qual=02 Qual= 4 5A	Tot Cts=5350 FePeak=22:28 Exp #=85686	MaxkeV=102 FePeak.c/s=106 Rast=240"x240" Rast=265"x265"	Flags=SN #Peaks=1 Step=10" Step=5"	dt= 3.8s Cad= 590s Pitch=-577"	XEN=907123 1.024s/pixel ",Yaw=-205"
Event # = 89/03/12,	; # = 10841 3/12,22:57	1 D0Y=71	-	SMM Pointing:	N33W00		Pitch=-584", Yaw=-220"	w=-220", Rol	, Roll=-20deg	H.Ang≖40deg
GOES HXRBS 22 UVSP 22 Radio F	art :57:3 :52 reque	Peak 2 22:57:4 ncy(MHz),	Start Peak End times 22:57:32 22:57:49 22:58:17 22:52 Frequency(MHz)/Flux(sfu):	Peakc/s=64   Wavelength=1375A  : 245/1400	Qual=00 Qual=01 5A	Tot Cts=504 Exp #=85690	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-514	Pitch=-514",Yaw=-300"

69/03/12,23:09 Start Sec	Peak	End times							
40ES BCS 23:09 FCS	23:09	23:11	CaPeak.c/s=19	Qua]=00 Qua]= 5	FePeak=23:09	FePeak.c/s=6		dt= 7.7s	XEN=907124
ŠP 22:52			₩avelength=137	5A	Exp #=85690	Rast=240"x240" Rast=30"x30"	Step=10" Step=10"	Cad= 590s Pitch=-514	=
ent # = 10842				89/03/1	3 DOY=72				
89/03/13,00:02 Start	D0Y=72 Peak	End times	SMM Pointing:	N33W00		Pitch=-584",Yaw	, Yaw=-220", Rol	, Roll=-20deg	H.Ang=40deg
HXRBS 00:02:32 UVSP 00:01	00:02:46	00:03:05	Peakc/s=40 Wavelength=1375	Qual=00 Qual=01 5A	Tot Cts=105 Exp #=85693	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-573	3", Yaw=-216"
Event # = 10843 89/03/13,00:15   Start	D0Y=72 Peak	End +	SMM Pointing:	N33W01		Pitch=-580", Yaw	, Yaw=-230", Roll	]=-20deg	H.Ang=40deg
RS 00:14:56 5P 00:03	00:15:24	00:17:08	Peakc/s=68 Wavelength=1375A	Qual=01	Tot Cts=1048 Exp #=85695	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-551"	, Yaw
Event # = 10845 89/03/13,00:28 Start	DOY=72 Peak	End times	SMM Pointing:	N33W01		Pitch=-580", Yaw	, Yaw=-230", Roll	, Roll=-20deg	H.Ang=40deg
00:23	00:28	00:31	HaClass=1F Importance=C6	N39E01	AR5395	Mac.=FKC	Carr.Lon.=251deg	=251deg	H.Ang=46deg
HXRBS 00:24:56 BCS 00:15 FCS	00:26:56 00:28	00:28:04 00:50	Peakc/s=192 CaPeak.c/s=163	Qual=01 Qual= 1	Tot Cts=5620 FePeak=00:27	MaxkeV=144 FePeak.c/s=36		dt= 7.7s	XEN=907201
UVSP 00:26	1	•	Wavelength=137	Code=00	Exp #=85697	Kast=240"x240" Rast=30"x30"	ep=10" ep=10"	Cad= 590s 1 Pitch=-520",	1.024s/pixel ', Yaw=-246"
HXRBS 00:23:39 UVSP 00:03	00:23:47 00:24:05		akc/s=50 /elength=1379	Qual=01	Tot C	MaxkeV=102 Rast=30"x30"	 Step=10"	Pitch=-551	", Yaw=-238"
Event # = 10847 89/03/13,00:42 Start	D0Y=72 Peak	End times	SMM Pointing:	N33W01		Pitch=-580", Yaw=	, Yaw=-230", Roll	, Roll=-20deg	H.Ang=40deg
Optical GOES			HaClass=1F	N39E01 Oual=03	AR5395	Mac.=FKC	Carr.Lon.=251deg	251deg	H.Ang=46deg
S	00:42:28 00:43 Type/Intensi		Peakc/s=59 Wavelength=1375A III/2	Qual=01	Tot Cts=1882 Exp #=85697	MaxkeV=102 Rast=30"x30"	Flags=ND Step=10"	Pitch=-520",	, Yaw=-246"
	Frequency(MHz)/Flux(sfu):	,	130 410/60	606/29	Ĺ				
HXRBS 00:36:52	00:37:30 00	:37:47	akc/s=75	Associated Qual=01	Event # = 10846 Tot Cts=687		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
# = 10848 /13,00:49 Start	00Y=72 Peak	End times	SMM Pointing:	N33W01		Pitch=-580"	, Yaw=-230", Roll:	, Roll=-20deg	H. Ang=40deg
GOES HXRBS 00:49:11 UVSP 00:47	00:49:20 00:49	:43	Peakc/s=41	Qual=00 Qual=01	Tot Cts=96	MaxkeV=102			

ent # = 10849			200	20MS 2 N		Pitch=-576", Yaw=	, Yaw=-241", Roll=-20deg	=-20deg	H.Ang=40deg
89/03/13,01:37 Start Optical	DOY=72 Peak	End times	Class=18 Class=1N	N33W09 N27W08	AR5395 AR5395	Mac.=FKC	Carr.Lon.=261deg Carr.Lon.=260deg		H.Ang≈41deg H.Ang=35deg
Optical GOES 01:34 HXRBS 01:31:02 BCS 01:31 FCS 01:38 UVSP 01:38 Radio Frequent	01:34 01:37 02:02 01:31:02 01:35:18 01:57:31 01:31 02:00 01:38 Frequency (MHz)/Flux(sfu)	ю	; ; 75A 3/6(	Qual=01 Qual=01 Qual= 1 Code=02	Tot Cts=54040 FePeak=01:36 Exp #=85701	MaxkeV=144 FePeak.c/s=286 Rast=240"x240" Rast=150"x150"	Flags=M5,FS #Peaks=1 d Step=10" C Step=10" P	t= 3.8s ad= 590s itch=-517	XEN=907202 1.024s/pixel ",Yaw=-254"
Event # = 22564 89/03/13,02:32 Start 60ES 02:29 BCS 02:27 FCS 02:18 NVSP 02:18	DOY=72 Peak 02:32 02:27	= 22564 3,02:32 DOY=72 Start Peak End times 02:29 02:32 02:42 02:27 02:27 02:29 02:18 Frequency(MHz)/Flux(sfu):	Importance=C4 Qual=02 CaPeak.c/s=34 Qual= 5 FePeak=02:2; Wavelength=1375A Code=01 Exp #=85708 245/240 410/39 8800/43 15400/51	Qual=02 Qual= 5 Code=01 800/43 15	_	FePeak.c/s=8 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-500",	XEN=907203 1.024s/pixel ", Yaw=-329"
****	) 00Y=72 Peak	End times	SMM Pointing:	N33W03 N28W02	AR5395	Pitch=-572",Yaw Mac.=FKC	, Yаw=-251", Roll=-20de Carr.Lon.=253deg	,Roll=-20deg Lon.=253deg	H.Ang=40deg H.Ang=35deg
Optical GOES 02:57 HXRBS 03:03:37 HXS 03:05 ECS 03:05 FCS 03:24 NVSP 03:24	03:27 7 03:16:5 03:25 03:37 ncy (MHz)/	2:57 03:27 04:23 3:03:37 03:16:51 04:02:11 3:05 03:25 04:02 03:37 3:24 5:04 (MHz)/Flux(sfu):	Impo Peak Cape Peak Mave	Qual=03 Qual=04 Qual= 1 Code=00	Tot Cts=2 FePeak=03 Exp #=857 1415/110	.43E+6 MaxkeV=367 Flags=M5,1,SN,EN 3:20 FePeak.c/s=3714 #Peaks=1 dt= 7.7s Rast=15"x15" Step=5" Cad=9.22s 713 Rast=10"x10" Step=0" Pitch=-547' 2695/380 4995/580 8800/1400 15400/1100	Flags=M5, #Peaks=1 Step=5" Step=0" )/1400 1540	Flags=M5, I, SN, EN #Peaks=I dt= 7.7s Step=5" Cad=9.22s Step=0" Pitch=-547 1400 15400/1100	XEN=907204 1.024s/pixel ", Yaw=-247"
# 2	8 D0Y=72		SMM Pointing:	N33W04		Pitch=-568", Yaw	", yaw=-261", Roll=-20deg	1=-20deg	H.Ang=40deg
GOES 5tart HXRBS 04:41:29 UVSP 04:40		End times 46 04:42:06	s Peakc/s=134 Wavelength=1375A	Qual=00 Qual=01 A	Tot Cts=525 Exp #=85718	MaxkeV=144 Rast=265"x265"	Flags=I Step=5"	Pitch=-56	Pitch=-561", Yaw=-249"
Event # = 11159 89/03/13,04:50 Start	59 ) D0Y=72 Peak	End times	₹ :	N33W04	AD5395	Pitch=-568", Yaw Mac.=FKC	, Yaw=-261", Roll=-20de Carr.Lon.=254deg	, Roll=-20deg Lon.=254deg	H.Ang=40deg H.Ang=38deg
Optical GOES 04:45 HXRBS 04:44:51 HSS 04:38 ECS 04:38 USP 04:44	04:50 56 04:45:04:47 04:47	4:45 04:50 04:52 4:44:56 04:45:58 04:47:34 4:38 04:47 05:36 4:44 Frequency (MHz)/Flux(sfu):	HaClass=sr noimot Importance=C8 Qual=01 PeakC/s=64 Qual=1 CaPeak.c/s=259 Qual= 1 Wavelength=1375A Code=00 245/94 410/65 606/15	Qual=01 Qual=01 Qual=1 Qual= 1 A Code=00	Tot FePe Exp	MaxkeV=102 FePeak.c/s=61 Rast=240"x240" Rast=30"x30"	Flags=I #Peaks=1 Step=10" Step=10"	dt= 7.7s ) Cad= 590s Pitch=-494"	XEN=907205 1.024s/pixel 4",Yaw=-346"

3/13,05:04	N33W04  N30W08  Qual=01  Associated Even  Qual=01  N33W04  N30W11  Qual=01  Qual=01  Qual=00  Qual=00  Qual=00  Qual=00  Qual=01  A Exp #	AR5395 Cts=206 #=85720 t # = 111 Cts=137 #=85722 *=85724 8800/24 8800/24	Pitch=-568", Ya Mac.=FKC Maxkev=102 Rast=30"x30" Rast=30"x30" Pitch=-568", Ya Mac.=FKC Maxkev=144 Rast=30"x30" 15400/17 Pitch=-564", Yau Maxkev=102 Rast=243"x243"	Pitch=-568", Yaw=-261", Roll=-20deg Mac.=FKC	494". 493", 492",	H.Ang=40deg H.Ang=38deg ', Yaw=-346" ', Yaw=-348" H.Ang=39deg ', Yaw=-351" ', Yaw=-351"
13 05:04:38 05:05:04 Peakc/s=49  Wavelength=1375  15 05:06:37 05:06:38 Peakc/s=42  Wavelength=1375  16 05:06:37 05:06:38 Peakc/s=42  Wavelength=1375  17 Peak  18 05:32:36 05:33:18 Peakc/s=21  Wavelength=1375  18 05:32:36 05:33:18 Peakc/s=21  Wavelength=1375  18 05:32:36 06:24:09 Peakc/s=113  Wavelength=2788A  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1007=72 SMM Pointing:  1006:31 08:10 Importance=M1 Impo	N30W08 Qual=01 Qual=01 Exp Ssociated Eve Qual=01 Tot Qual=01 Qual=01 Qual=01 Qual=01 Qual=00 Qual=00 Qual=00 Qual=00 Qual=00 Qual=00 Qual=00 Qual=00 Qual=00	AR5395 Cts=206 #=85720 #=85722 WR5395 Cts=137 #=85724 B800/24 B800/24	Mac.=FKC  MaxkeV=102  Rast=30"x30"  MaxkeV=102  Rast=30"x30"  Pitch=-568", Ya  Mac.=FKC  MaxkeV=144  Rast=30"x30"  400/17  Pitch=-564", Yau  MaxkeV=102  Rast=243"x243"	Carr.Lon.=258 Flags=I Step=10" Pit Flags=I Step=10" Pit Carr.Lon.=261c Flags=I Step=10" Pitc Flags=I Step=10" Pitc Flags=I Step=10" Pitc	494" 493", 492", H	.Ang=38deg 'Ang=346" Yaw=-348" Ang=40deg .Ang=39deg
3 05:04:38 05:05:04 Peakc/s=49 Wavelength=1375 J5 05:06:37 05:06:38 Peakc/s=42 Wavelength=1375 Wavelength=1375 Wavelength=1375 B 05:32:36 05:33:18 Peakc/s=221 Wavelength=1375 Type/Intensity: III/2 BOY=72 SMM Pointing: Peak End times B 06:23:26 06:24:09 Peakc/s=113 Wavelength=2788A Wavelength=2788A Wavelength=2788A Wavelength=2788A Wavelength=2788A Wavelength=2788A O6:31 08:10 Importance=M1 Wavelength=2788A	N30W11 Qual=01 Cyal=01 Cyal=01 Cyal=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Qual=01 Cxy	Cts=206 #=85720 t # = 11: Cts=137 #=85722 *=85724 8800/24 ts=1310 ts=1310 =85726	Mac.=FKC Maxkev=102 Rast=30"x30"  Maxkev=102 Rast=30"x30"  Pitch=-568", Ya Mac.=FKC Maxkev=144 Rast=30"x30"  400/17  Pitch=-564", Yau Maxkev=102 Rast=243"x243"	Flags=I Step=10" Pit Step=10" Pit Flags=I Step=10" Pit W=-261", Roll=-20 Carr.Lon.=2610 Flags=I Step=10" Pitc Flags=I Step=10" Pitc	- 494" 493" H H	. Ang=38deg Yaw=-346" Yaw=-348" . Ang=40deg . Ang=39deg Yaw=-351"
2 05:04:38 05:05:04 Peakc/s=49 Wavelength=1375 B 05:06:37 05:06:38 Peakc/s=42 Wavelength=1375 B 05:32:36 05:33:18 Peakc/s=221 Wavelength=1375 R 05:32:36 05:33:18 Peakc/s=221 Wavelength=1375 Type/Intensity: III/2 B 05:32:36 05:33:18 Peakc/s=221 Wavelength=1375 B 06:23:26 06:24:09 Peakc/s=113 Wavelength=27884 DOY=72 B 06:23:26 06:24:09 Peakc/s=113 Wavelength=27884 DOY=72 B 06:23:26 06:24:09 Peakc/s=113 Wavelength=27884 DOY=72 B 06:23:26 06:24:09 Peakc/s=113 Wavelength=27884 DOY=72 B 06:28:10 06:32:51 Peakc/s=839 Wavelength=27884	Qual=01 Tot Expsociated Eve Qual=01 Tot N33W04 N30W11 Qual=01 Tot Qual=01 Tot O6/100 4995// N33W04	Cts=206 #=85720 t # = 11: Cts=137 #=85722 #55724 #85724 8800/24	Maxkev=102 Rast=30"x30" Maxkev=102 Rast=30"x30" Pitch=-568", Ya Mackev=144 Rast=30"x30" 400/17 Pitch=-564", Yau Maxkev=102 Rast=243"x243"	Flags=I Step=10" Pit. Flags=I Step=10" Pit. Carr.Lon.=261c Flags=I Step=10" Pit. Flags=I Step=10" Pit.	.494",	Yaw=-346" 
DOY=72  Type/Intensity:  Type/Intensity:  DOY=72  B 05:32:36 05:33:18  Type/Intensity:  Type/Intensity:  Type/Intensity:  Type/Intensity:  Type/Intensity:  Type/Intensity:  DOY=72  SMM Pointing:  B 06:23:26 06:24:09  DOY=72  SMM Pointing:  DOY=72  DOY=72  SMM Pointing:  HaClass=SN  Wavelength=2788A  Type/Intensity:  Type/Intensity:  Type/Intensity:  Type/Intensity:  Mayelength=2788A  Type/Intensity:  Type/In	N33W04 N30W11 Qual=01 Tot Qual=01 Qual=01 Qual=01 Qual=00 Qual=00 Qual=00 Qual=01 Qual=01 Qual=01	t # = 11. Cts=137 #=85722 tts=1420 =85724 8800/24 ts=1310 ts=1310	MaxkeV=102 Rast=30"x30" Pitch=-568", Ya Mac.=FKC MaxkeV=144 Rast=30"x30" 400/17 Pitch=-564", Yau MaxkeV=102 Rast=243"x243"	Flags=1 Step=10" Pith Step=10" Pith Carr.Lon.=261c Flags=1 Step=10" Pitc Step=10" Pitc Flags=1 Flags=1 Flags=1 Flags=1 Flags=1 Flags=1 Flags=1	493", H H H H H H H H H H H H H H H H H H H	. Ang=40deg .Ang=39deg .Ang=39deg .Ang=40deg
DOY=72  Box End times  HaClass=SF  Ro5:32:36 05:33:18  Ro5:32:36 05:33:18  PeakC/s=221  Wavelength=1375/  III/2  DOY=72  SMM Pointing:  Peak End times  Wavelength=2788A  HaClass=SN  Wavelength=2788A  Peak End times  Wavelength=2788A  Peak Ush PeakC/s=113  Wavelength=2788A	N33W04 N30W11 Qual=01 Qual=01 Qual=01 O6/100 4995//	185395 ts=1420 =85724 8800/24 ts=1310 =85726	Pitch=-568", Ya Mac.=FKC MaxkeV=144 Rast=30"x30" 400/17 Pitch=-564", Yau MaxkeV=102 Rast=243"x243"	W=-261", Roll=-20 Carr.Lon.=2610 Flags=1 Step=10" Pitc Step=10" Pitc Step=10" Pitc Flags=1 Flags=1	H H H H H H H H H H H H H H H H H H H	.Ang=40deg .Ang=39deg Yaw=-351" Ang=40deg
#aClass=SF  8 05:32:36 05:33:18 Peakc/s=221 Wavelength=13756 ncy(MHz)/Flux(sfu): 245/9000 410/66  3 DOY=72 SMM Pointing: Peak End times Wavelength=2788A  DOY=72 SMM Pointing: Peak HaClass=SM 06:31 08:10 Importance=M1 06:32:10 06:32:51 Peakc/s=839 Wavelength=2788A	N30W11 Qual=01 Qual=01 Qual=01 Exp 06/100 4995/ N33W04 N33W04 Qual=00 Qual=01 Exp	185395 11s=1420 1=85724 8800/24 1s=1310 1s=1310	Mac.=FKC MaxkeV=144 Rast=30"x30" 400/17 Pitch=-564", Yam MaxkeV=102 Rast=243"x243"	Carr.Lon.=261c Flags=I Step=10" Pitc W=-272",Rol]=-20	H H H	Ang=39deg Yaw=-351" Ang=40deg
# 05:32:36 05:33:18	Qual=01 Tot Qual=01 Tot 06/100 4995// N33W04 Qual=00 Tot Qual=01 Tot	=85724 8800/24 ts=1310 =85726	MaxkeV=144 Rast=30"x30" 400/17 Pitch=-564", Yaa MaxkeV=102 Rast=243"x243"	Flags=1 Step=10" Pitc W=-272", Rol]=-20 Flags=1 Flags=1	492"	Yaw=-351" Ang=40deg
ncy (MHz)/Flux(sfu): 245/9000 410/66  3	06/100 4995// N33W04 Qual=00 Qual=01 Tot	8800/24 8800/24 ts=1310 =85726	400/17 Pitch=-564", Yaı Maxkev=102 Rast=243"x243"	W=-272", Roll=-20 Flags=I	764 EK 7 II	Yaw=-351" Ang=40deg
3 DOY=72 SMM Pointing: Peak End times 3 06:23:26 06:24:09 Peakc/s=113 Wavelength=2788A  DOY=72 SMM Pointing: Peak End times HaClass=SN 06:31 08:10 Importance=M1 06:28:10 06:32:51 Peakc/s=838A		Cts=1310 #=85726	Pitch=-564", Yaı MaxkeV=102 Rast=243"x243"	W=-272", Rol]=-20 Flags=I	7.7.7.1	.Ang=40deg
3 06:23:26 06:24:09 Peakc/s=113 Wavelength=2788A  DOY=72 SMM Pointing: Peak End times HaClass=SN 06:31 08:10 Importance=M1 06:28:10 06:32:51 Peakc/s=839 Wavelength=2788A		Cts=1310 #=85726	MaxkeV=102 Rast=243"x243"	Flags=I	# Z Z Z	•
DOY=72 SMM Pointing: Peak End times HaClass=SN 06:31 08:10 Importance=M1 06:28:10 06:32:51 PeakC/s=830					/ ^ ^	.Yaw=-260"
06:31 08:10 Importance=M1 06:28:10 06:32:51 Peakc/s=839	N33W04		Pitch=-564", Yaw	,Yaw=-272",Roll=-20deg		H.Ang=40deg
/0:25:10 Ub:28:10 Ub:32:51 Peakc/s=839 16:16 Wavelenrth=2788A	133W08 Jual=01	AR5395	Mac.=FKC	Carr.Lon.=257deg	_	H.Ang=41deg
Frequency(MHz)/Flux(sfu): 4995/50 8800/120	Qual=01 Tot Code=00 Exp 15400/350	Cts=37500 #=85726	MaxkeV=231 Rast=243"x243"	Flags=M5,I Step=3" Pitc	Pitch=-557",Yaw=-260"	aw=-260"
= 11168 3,06:38 DOY=72 SMM Pointing: Start Peak End times	N33W04		Pitch=-564", Yaw	, Yaw=-272", Roll=-20deg		H.Ang=40deg
HaClass=SF	N33W08 Oual=00	AR5395	Mac.=FKC	Carr.Lon.=257deg		H.Ang=41deg
06:38:36 06:39:39 Peakc/s=73 Wavelength=2788A	Qual=01 Tot	Cts=1687 #=85726	MaxkeV=102 Rast=243"x243"	Flags=I Step=3" Pitch	Pitch=-557",Ya	,Yaw=-260"
# = 11169 113,06:40 DOY=72 SMM Pointing: Start Peak End times	N33W04		Pitch=-564",Yaw	=		H.Ang=40deg
06:40:56 06:41:25 Peakc/s=56 Wavelength=2788A :y(MHz)/Flux(sfu): 245/240 410/85	Qual=00 Qual=01 Tot ( Exp #	Cts=585 #=85726	MaxkeV=102 Rast=243"x243"	Flags=I Step=3" Pitch	Pitch=-557",Yaw=-260"	w=-260".

1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0						Di+ch=_564" Yaw	vaw=-272" Roll=-20deg		H.Ang=40deg
07:03:08 07:08:29	3,07:03 D0Y=72 Start Peak	times	Pointing:	N33W04 N28W06	AR5395	Mac.=FKC	Carr.Lon.=25		H.Ang=36deg
DOY=72  Freak End times	)7:02:23 )7:03 Frequenc	σ	c/s=105 ength=2788A 600 1415/49	Qual=06 Qual=01 2695/68	Tot Cts=11000 Exp #=85727 995/120 8800/10	MaxkeV=144 Rast=180"x1" O		Pitch=-428"	, Үам=-93"
Maxeev=144	tt # = 10851 03/13,07:45 DOY=72 Start Peak E	1 00	Pointing:	N33W04		Pitch=-564", Yaw	,Roll Lon.=	=-20deg 249deg	H.Ang=40deg H.Ang=38deg
DOY=72 End times Outslength=2788A Qual=01 DOY=72  OR:00:28 O8:03:00 Peak  Outslength=2788A Qual=01 DOY=72  SMM Pointing: N33W04  Qual=00  O9:26:34 09:27:20  Peak  SMM Pointing: N33W17  Pitch=-564", Yaw=-272", Roll  Auxelength=2788A  Qual=01  Tot Cts=297  MaxkeV=102  Tot Cts=297  MaxkeV=102  SMM Pointing: N33W04  Pitch=-564", Yaw=-272", Roll  Auxelength=2788A  Qual=01  DOY=72  MaxkeV=102  SMM Pointing: N33W17  Peak  SMM Pointing: N38W17  SMM Pointing: N38W17  Peak  SMM Pointing: N38W17  SMM Pointing: N38W17  SMM Pointing: N38W17  SMM Pointing: N38W17  DOY=72  MaxkeV=102	07:44:51 07:45:02 07:34	:46	c/s=138 ength=2788A	Qual=06 Qual=01		MaxkeV=144 Rast=180"x1"		Pitch=-433"	, Yaw= -249"
Peak End times Qual=06	D0Y=72		Pointing	N33W04		Pitch=-564", Ya	w=-272", Roll=	20deg	H.Ang=40deg
DOY=72  DOY=72  SMM Pointing: N33W04  Peak  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Exp #=85728  Rast=180"x1"  Step=0"  N38W08  Oual=01  Oual=	Peak 07:57:15 :y(MHz)/Fl	<pre>End times 07:57:41 ux(sfu):</pre>	c/s=48 length=2788A l300 410/54	Qual=( Qual=( 06/68	ts=261 =85728 15400/2	MaxkeV=102 Rast=180"x1"		Pitch=-433"	', Yaw≖-249"
08:00:28 08:03:10 Peakc/s=88 Qual=01	D0Y=72	4 1	Pointing	N33W04		Pitch=-564",Ya	w=-272",Roll=	20deg	H.Ang≖40deg
DOY=72  SMM Pointing: N33W04  Peak  End times  N38W08  AR5395  Mac.=FKC  Carr.l  Qual=01  Out=01  Out=01  Out=01  Out=01  Out=01  Exp #=85729  Rast=180"x1" Step=  Out=01  Out	Peak 08:00:28	08:03:10	Peakc/s=88 Wavelength=2788A		* Ets	MaxkeV=102 Rast=180"x1"		Pitch=-433"	", Үам=-249"
N38W08	DOY=7		Pointing	N33W04	The state of the s	Pitch=-564", Ya	IW=-272", Roll:	=-20deg	H.Ang=40deg
08:24:34 08:24:59 08:27:04 Peakc/s=334 Qual=01 Tot Cts=2974 Maxkev=187 Flags=08:36  8:36 Frequency (MHz)/Flux(sfu): 245/2200 410/370 08:28:46 08:29:31 08:32:28 Peakc/s=57 Qual=01 Tot Cts=1141 Maxkev=102 08:28:46 08:29:31 08:32:28 Peakc/s=57 Qual=01 Tot Cts=1141 Maxkev=102 13,09:26 D0y=72 SMM Pointing: N33W04  # = 10856 Start Peak # = 10857	Peak	+-		N38M08	AR5395	Mac.=FKC	Carr.Lon.=2	256deg	H.Ang=46deg
Frequency (MHz)/Flux(sfu): 245/2200 410/3/0  68:28:46 08:29:31 08:32:28 Peakc/s=57 Qual=01 Tot Cts=1141 MaxkeV=102  68:28:46 08:29:31 08:32:28 Peakc/s=57 Qual=01 Tot Cts=1141 MaxkeV=102  713,09:26 D0Y=72 SMM Pointing: N33W04 End times  99:26:04 09:26:34 09:27:20 Peakc/s=41 Qual=01 Exp #=85730 Rast=180"x1" Step=  # = 10857  13,09:36 D0Y=72 SMM Pointing: N38W17  # = 10857    SMM Pointing: N38W17   Tot Cts=212 Poitch=-563", Yaw=-446" Start Peak Importance=C5 Qual=01 Tot Cts=932 MaxkeV=102 Peakc/s=66 Qual=01 Exp #=85730 Rast=180"x1" Step=  # = 10857	08:24:34 08:24:59 08:36		Peakc/s=334 Wavelength=27884	Qual=01 Qual=01	Cts #	MaxkeV=187 Rast=180"x1"		Pitch=-431	",Yaw≖-255"
# = 10856 13,09:26 5	, 0	lux(stu):  08:32:28	245/2200 410/3/  Peakc/s=57	/ssociated Qual=01	Event # Tot Cts	 MaxkeV=102	1 1	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Start Peak End times  09:26:04 09:26:34 09:27:20 Peakc/s=41 Qual=01 Tot Cts=212 Rast=180"x1" Step= 09:09  # = 10857  13,09:36 DOY=72 SMM Pointing: N38W17  Start Peak End times 09:34:23 09:34:40 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 PaxkeV=102 Waxelength=2788A Code=01 Exp #=85730 Rast=180"x1" Step= 09:26:04 09:26:34 09:27:20 Peakc/s=66 Qual=01 Tot Cts=932 RaxkeV=102 Waxelength=2788A Code=01 Exp #=85730 Rast=180"x1" Step= 09:26:04 09:26:34 09:27:20 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:23 09:34:24 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:24 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:24 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:24 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:24 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step= 09:34:34 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Paxel=180"x1" Step=	# = 10856 /13,09:26 DOY=7		SMM	N33W04		Pitch=-564",Y	", Roll	=-20deg	H.Ang=40deg
# = 10857 13,09:36 DOY=72 SMM Pointing: N38W17 Pitch=-563",Yaw=-446" Start Peak End times 09:33 09:36 09:38 Importance=C5 Qual=01 Tot Cts=932 MaxkeV=102 09:34:23 09:34:40 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 MaxkeV=102 09:34:23 09:34:40 09:36:36 Peakc/s=66 Qual=01 Tot Cts=932 Rast=180"x1" Step=	Start Peak 09:26:04 09:26:3 09:09	end ti 09:27:	z P	Qual=00 Qual=01	Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-429",	)", Yaw=-258"
Start Peak End times 09:33 09:36 09:38 Importance=C5 Qual=O1 Tot Cts=932 MaxkeV=102 09:34:23 09:34:40 09:36:36 Peakc/s=66 Qual=O1 Tot Cts=932 MaxkeV=102 09:09:09	ent # = 10857 /03/13,09:36 DOY=7	-	SMM Pointing	N38W17		Pitch=-563",Y	aw=-446", Roll	I=-20deg	H.Ang=48deg
60.60	Peak 09:36 09:34	End time 09:38 ) 09:36:36	Importance=C5 Peakc/s=66 Wavelength=2788	Qual=01 Qual=01 A Code=01	Tot Exp	MaxkeV=102 Rast=180"x1"		Pitch=-429",	9", Yaw=-258"

dea	deq	<u>ئ</u> د	! !		1	leg	, =-	ea	n =		6d	<b>e</b> d	=	ba	_		p.
H.Ang=48deg	H.Ang=41deq	'", Yaw≖-265	1	1	1 1 1	H.Ang=48deg	737C-=W&Y "	H. Ang=48deg	7.7. Z. Z. Z. Z. Z. Z. Z. Z. Z. Z. Z. Z. Z.	, cm	H.Ang=48deg	H.Ang=76deg	, Yaw=-265	H.Ang=48deg	, Yaw=-268'	H. Ana=48dea	Yaw=-268"
oll=-20deg	Carr.Lon.*258deg	5 Pitch=-427"			1	]]=-20deg	Pitch=-427"	11=-20deg	Pitch=_427" Yaw=_266"		, Roll=-20deg	=170deg	Pitch=-427"	, Roll=-20deg	Pitch=-425", Yaw=-268"		125"
, Yaw=-446", Rol]=-20deg	Carr.Lor	Flags=M5 Step=0"			1 1 1	Pitch=-563", Yaw=-446", Roll=-20deg	Step=0"	, Yaw=-446", Roll=-20deg	Step=0"	-	, Yaw=-446", Ro]	Carr.Lon.≈170deg	Step=0"	'aw=-446", Ro]	Flags=DG Step=O"	Pitch=-563", Yaw=-446", Roll=-20deg	Step=0"
Pitch=-563"	ac.=FKC	MaxkeV=187 Rast=180"x1"	1001	Maybev=102	MaxkeV=102	Pitch=-563",	MaxkeV=102 Rast=180"x1"	Pitch=-563",	MaxkeV=231 Rast=180"x1"		71cn=-563",	MaxkeV=102	Rast=180"x1"	Pitch=-563", Yaw=-446"	MaxkeV=144 Rast=180"x1"	itch=-563",Y	MaxkeV=187 Rast=180"x1"
	AR5395	Tot Cts=6930 M. Exp #=85731 R: 7 8800/72 15400/110	Event # = 10858	C   C   C   C   C   C   C   C   C	Event # = 10861 Tot Cts=532		Tot Cts=149 Exp #=85731		Tot Cts=1930 Exp #=85731			Tot Cts=334	#=85731		Tot Cts=1234 PExp #=85732 F	<b>a</b>	Tot Cts=2324 M Exp #=85732 R
N38W17	N32W11 Oual=01	Qual=01 q 30 606/47	Associated Oual=01	Associated Oual=01	Associated Qual=01	N38W17	Qual=00 Qual=01	N38W17	Qual=00 Qual=01	N38W17	C13E77	0-1		N38W17	Qual=00 Qual=11	N38W17	000
SMM Pointing:	HaClass=SF Importance=C7	Peakc/s=680 Qual=01 Wavelength=2788A 245/11000 410/280 606/47 8	Peakc/s=66	akc/s=77		SMM Pointing:	Peakc/s=50 Wavelength=2788A	SMM Pointing:	Peakc/s=295 Wavelength=2788A	SMM Pointing:		c/s=4	wavelengtn=2/88A	SMM Pointing:	Peakc/s=56 Wavelength=2788A 15400/75	SMM Pointing:	Qual=: Qual=: Wavelength=2788A 245/470 410/140 606/64
DOY=72 Peak End times	9:50	)9:48:45 ix(sfu):		09:46:30 09:46:40 09:46:46	09:49:26 09:49:56 09:50:09	=72 k End times	09:57:53 09:58:17	=72 c End times	10:01:40 10:02:01		End times	10:06:32 10:06:57		72 End times		End times	1
= 10860 3,09:45 Start	09:40 09:	09:4/:4/ 09:4/:53 C 10:08 Frequency(MHz)/Flu		09:46:30 09:	09:49:26 09:4	Event # = 10862 89/03/13,09:57 DOY=72 Start Peak	09:57:45 09:5 10:08	Event # = 10863 89/03/13,10:01 DOY=72 Start Peak	10:01:23 10:0 10:08	Event # = 10864 89/03/13,10:06 DOY=72	Start Peak 	10:05:52	- 108 <i>EE</i>	89/03/13,10:50 D0Y=72 Start Peak	10:48:36 10:50:42 10:52:39 10:41 Frequency(MHz)/Flux(sfu):	Event # = 10866 89/03/13,11:07 DOY=72 Start Peak	11:05:38 11:07:24 11:09:03 10:41 Frequency(MHz)/Flux(sfu):
Event 89/03/	Optical GOES	UVSP UVSP Radio	HXRBS		HXRBS	Event 89/03/	HXRBS UVSP	Event # 89/03/1	GOES HXRBS UVSP	Event # 89/03/1	Optical	GOES HXRBS	# +40	89/03/1 60FS	HXRBS UVSP Radio	Event # 89/03/13	GOES HXRBS 1 UVSP 1 Radio

Event # = 10867 89/03/13,11:11 D0	D0Y=72	:	SMM Pointing:	N38W18		Pitch=-559", Yaw=-456", Roll=-20deg	456", Roll=-		H.Ang=48aeg
	ak	End times	HaClass=SF	N26W18	AR5395	Mac.=FKC	Carr.Lon.=264deg		H.Ang=38deg
GOES HXRBS 11:11:25 11 UVSP 10:41	11:11:42	11:12:43	Peakc/s=38 Wavelength=2788A		Tot Cts=415 Exp #=85732	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=-425",Yaw=-268"	Yaw=-268"
Event # = 10868 89/03/13,11:15 DC Start Pe	DOY=72 Peak	End times	SMM Pointing:	N38W18 N26W18	AR5395	Pitch=-559",Yaw Mac.=FKC	,Yaw=-456",Roll=-20de Carr.Lon.=264deg	<b>5</b> 1	H.Ang=48deg H.Ang=38deg
11:15:50 11:15:55 11:43	1:15:55	11:15:59	kc/s=67 elength=2788A	Qual=00 Qual=01	Tot Cts=100 Exp #=85733	MaxkeV=144 Rast=180"x1"	Step=0" P	Pitch=-423",	, Yaw=-274"
Event # = 10869 89/03/13,11:19 Du	D0Y=72		SMM Pointing:	N38W18		59"	,Yaw=-456",Roll=	<b>5</b> 7	H.Ang=48deg
	eak 1:19:26	Peak End Cimes 11:19:26 11:20:01	HaClass=SF Peakc/s=47 Wavelength=2788A	N26¥18 Qual=00 Qual=01	AR5395 Tot Cts=200 Exp #=85733	Mac.=FKC MaxkeV=102 Rast=180"x1"	Carr.Lon.=264deg Step=0" Pitch=	-423"	н.Ang=souey , Yaw=-274"
= 10870 3,11:26	DOY=72	-	SMM Pointing:	N38W18		Pitch=-559", Yaw	, Yaw=-456", Roll=	, Roll≖-20deg	H.Ang≈48deg
Start P 11:24:33 1 11:43 Frequency	Peak 11:26:05 y(MHz)/Fl	tart Peak End times 1:24:33 11:26:05 11:26:16 1:43 Frequency(MHz)/Flux(sfu):	Peakc/s=42 Wavelength=2788A 15400/60	Qual=00 Qual=01	Tot Cts=296 Exp #=85733	MaxkeV=102 Rast=180"x1"	Step=0" F	Pitch=-423"	, Үам=-274"
Event # = 10871	00v=72		SMM Pointing:	N38W18		Pitch=-559", Yaw	, Yaw=-456", Roll=-20deg	=-20deg	H.Ang=48deg
	Peak	End times	На	N30W14	AR5395	Mac.=FKC	Carr.Lon.=260deg	260deg	H.Ang=40deg
GÖES HXRBS 11:42:08 1 UVSP 11:43 Radio Frequency	11:46:2 7(MHz)/	1:42:08 11:46:25 11:49:16 1:43 Frequency(MHz)/Flux(sfu):	Peakc/s=158 Wavelength=2788A 245/360 410/240 6	Qual=0 Qual=0 06/140	1 Tot Cts=11501 Exp #=85733 8800/84 15400/76	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=-423", Yaw=-274	, Yaw=-274"
Event # = 10872 89/03/13,12:25	D0Y=72	+	SMM Pointing:	N38W18		Pitch=-559",Ya	, Yaw=-456", Roll=-20deg	=-20deg	H.Ang≖48deg
	Реак 12:25:02	Ella tilles )2 12:25:23	Peakc/s=377 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1237 Exp #=85734	MaxkeV=231 Rast=180"x1"	Flags=M5,F Step=0"	Flags=M5,FS Step=0" Pitch=-422"	', Yaw=-277"
Event # = 10873 89/03/13,12:31	D0Y=72		SMM Pointing:	N38W18		Pitch=-559",Ya	, Yaw=-456", Roll=-20deg	=-20deg	H.Ang=48deg
Start 12:27:43 12:15	reak 12:31:32	Enu 32 12:3	Peakc/s=63 Wavelength=2788A	Qual=00 Qual=01 A	Tot Cts=1807 Exp #=85734	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-422"	", Yaw=-277"

6.42 12:37:59 PeakC/5-85 Qual=01	DOY=72 Peak	Fod +ima	SMM Pointing:	N38W18		Pitch=-559", Ya	, Yaw=-456". Roll=-20ded	]=-20dea	H. And=48dea
SMM Pointing: N38W19  Pitch=-554", Yaw=-466", Roll=-20deg  HacClass N38W19  Pitch=-554", Yaw=-466", Roll=-20deg  HacClass N38W19  HacFKC  Carr.Lon259deg  HacFKC  Carr.Lon259deg  HacFKC  Carr.Lon259deg  CaPeak.c/s=375  Qual=03  Peakc/s=275  Qual=03  Peakc/s=275  Qual=03  Peakc/s=86  Qual=03  Peakc/s=86  Qual=03  Peakc/s=86  Qual=03  Peakc/s=86  Qual=03  Peakc/s=86  Qual=03  Peakc/s=86  Qual=03  Peakc/s=86  Qual=03  Peakc/s=86  Qual=03  Peakc/s=27  Aaxeelength=1375A  Raxeelength=1375A  Raxeelength	9	12:3	Pea Wav		Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-422	, Yaw=-27
HaClass=IN N32W14 AR5395 Hac.=FKC Carr.Lon.=259deg Importance=R2 Qual=03 Tot Cts=40816 FePeak.c/s=1343 Qual=3 FePeak=13:14 Rast=240°x240° Step=10° Cad= 590s Rast=180°x1" Step=0° Pitch=-4190° Step=10° Cad= 590s Rast=180°x1" Step=0° Pitch=-400° Step=10° Cad= 590s Rast=180°x1" Step=0° Pitch=-390° Cad= 590s Rast=180°x1" Step=0° Pitch=-390° Cad= 590s Rast=180°x1° Step=10° Cad= 590s Rast=180°x1° Step=10° Cad= 590s Rast=265°x265° Step=5° Pitch=-522° Rast=265°x265° Step=5° Pitch=-522° Rast=265°x265° Step=5° Pitch=-522° Rast=30°x30° Step=10° Cad= 590s Rast=30°x3	72		SMM	N38W19		Pitch=-554", Ya	IW=-466", Rol	]=-20dea	H. Ang=48deg
Peakc/s=75	10	13:47			AR5395	Mac.≖FKC	Carr. Lon.	=2=3 =259deg	H.Ang=41deg
Wavelength=2788A Code=00	?. 5	13:22:3 13:22	Peakc/s=275 CaPeak.c/s=1343		Tot Cts=40816 FePeak=13:14	MaxkeV=187 FePeak.c/s=317		dt= 7.7c	YEN-Q07207
SMM Pointing: N33W10 Pitch=-535", Yaw=-350", Roll=-20deg  Qual=02	$\stackrel{\sim}{\sim}$	Flux(sfu):	Wavelength=2788 245/1800 8800/1	A Code=00 40 15400/2		Rast=240"x240" Rast=180"x1"		Cad= 590s Pitch=-419	1.024s/pixel 1.7aw=-283"
Peakc/s=86	72	End times	Pointing	N33W10			w=-350", Roll	1=-20deg	H. Ang=41deg
End times    SMM Pointing: N33W10	7:3	14:2	Peakc/s=86 Wavelength=2788		Tot Cts=12080 Exp #=85736		Flags=SN Step=0"	Pitch=-400	
14:56   CaPeakC/s=61   Qual=00   Tot Cts=883   Maxkev=144   Peaks=3   dt= 7.75     14:56   CaPeakC/s=141   Qual=01   Tot Cts=883   FePeakC/s=22   FePeaks=3   dt= 7.75     14:56   CaPeakC/s=141   Qual=01   Tot Cts=85/37   Rast=180"x1"   Step=10" Cad=590s     2	DOY=72 Peak	End times	SMM Pointing	N33W10		Pitch=-535", Ya	v=-350", Roll	=-20deg	H. Ang=41deg
SMM Pointing: N33W1	14:34:4 14:35	14:3	Peal	Qual=00 Qual=01 Qual= 1	Tot Cts=883 FePeak=14:35	MaxkeV=144 FePeak.c/s=22	# A C    C	d+= 7 7c	000CE00-NDX
End times HaClass=SN N32W15 AR5395 Mac.=FKC Carr.Lon.=259deg HaClass=SN N32W15 AR5395 Mac.=FKC Carr.Lon.=259deg HaClass=SN N32W15 AR5395 Mac.=FKC Carr.Lon.=259deg HaClass=SN N32W15 AR5395 Mac.=FKC Carr.Lon.=259deg HaClass=SN N32W15 AR5395 Mac.=FKC Carr.Lon.=259deg HaClass=SN N32W15 AR5395 Mac.=FKC Carr.Lon.=259deg Rast=265"x265" Step=5" Pitch=-552 Rast=265"x265" Step=5" Pitch=-552 Rast=240"x240" Step=10" Pitch=-434 Rast=30"x30" Step=10" Pitch=-434 Rast=30"x30" Yaw=-361", Roll=-20deg Rast=30"x30" Flags=N5 Flags=N5 Rast=30"x30" Step=10" Pitch=-428" Rast=258 MaxkeV=187 Rast=30"x30" Step=10" Pitch=-428"			₩avelength=2788A			Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=-398"	
HaClass=SN N32W15 AR5395 Mac.=FKC Carr.Lon.=259deg  12 15:52:34 Peakc/s=274 Qual=00 Tot Cts=47342 Peak.c/s=27 Peakc/s=145 Qual=01 Tot Cts=47342 Peak.c/s=265"x265" Step=5" Pitch=-522  End times  Wavelength=1375A Exp #=85743 Rast=265"x265" Step=5" Pitch=-522  End times  Wavelength=1375A Exp #=85743 Rast=240"x240" Step=10" Pitch=-434  End times  SMM Pointing: N33W11 Pitch=-530", Yaw=-361", Roll=-20deg  HaClass=SN Maxkev=187 Peaks=2 dt= 7.7s  Rast=240"x240" Step=10" Pitch=-434  Pitch=-530", Yaw=-361", Roll=-20deg  Maxkev=187 Peaksc/s=58 Qual=01 Tot Cts=258 Past=30"x30" Step=10" Pitch=-428"	DOY=72 Peak	time	1	N33W11		Pitch=-530", Yaw	8		H. Ang=42deg
12 15:52:34 Peakc/s=274 Qual=11 Tot Cts=47342 MaxkeV=320 Flags=DG, AX  Exp #=85739 Rast=265"x265" Step=5" Pitch=-522  End times  Led times  SMM Pointing: N33W11  Exp #=85743 Rast=240"x240" Step=10" Pitch=-434  Rast=240"x240" Step=10" Pitch=-434  Rast=30"x30" Step=10" Pitch=-428"  Flags=NS  HaxkeV=187  Rast=30"x30" Step=10" Pitch=-428"  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Flags=NS  Frags=NS  Frags  Frags=NS		:	N32W15	AR5395	Mac.=FKC	Carr.Lon.=	259deg	H. Ang=42deg	
End times  16:29	:15	15	Peakc/s=274 Wavelength=1375A	Qual=11	Tot Cts=47342 Exp #=85739	MaxkeV=320 Rast=265"x265"	Flags=DG,A) Step=5"	X Pitch=-522"	, Yaw=-349"
16:29 CaPeak.c/s=145 Qual= 1 FePeak=16:20 FePeak.c/s=27 #Peaks=2 dt= 7.7s  Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Pitch=-434'  Rast=30"x30" Step=10" Pitch=-434'  End times  End times Wavelength=1375A Qual=01 Tot Cts=258 MaxkeV=187 Flags=NS Rast=30"x30" Step=10" Pitch=-428'  Rast=30"x30" Step=10" Pitch=-428'  Rast=30"x30" Step=10" Pitch=-428'	DOY=72 Peak	End times							
SMM Pointing: N33W11	6:20	?	ak.c/s=14	Qual=00 Qual= 1	FePeak=16:20	FePeak.c/s=27		1t= 7.7s	XFN=907209
End times 16:42:57 Peakc/s=58 Qual=01 Tot Cts=258 MaxkeV=187 Flags=NS Wavelength=1375A Exp #=85745 Rast=30"x30" Step=10" Pitch=-428"			elength=137			Rast=240"x240" Rast=30"x30"		Cad= 590s Sitch=-434"	1.024s/pixel ,Yaw=-424"
.42 16:42:57 Peakc/s=58 Qual=01 Tot Cts=258 MaxkeV=187 Flags=NS Wavelength=1375A Exp #=85745 Rast=30"x30" Step=10" Pitch=-428"	2	+ -	٩	N33W11		-	361", Roll=		1. Ana=42dea
	16:42:42	16:42:57	Peakc/s=58 Wavelength=1375A	Qua]=01	Tot Cts=258 Exp #=85745	MaxkeV=187 Rast=30"x30"		428"	Yaw=-431"

89/03/13,16:44 DOY=72 Start Peak HXRBS 16:44:15 16:44:40 16:44:48 UVSP 16:27  Event # = 10879 89/03/13,17:20 DOY=72 HXRBS 17:07:55 17:20:15 17:28:40 UVSP 17:11 Event # = 10880 89/03/13,18:22 BYO3/13,18:22 BYO3/13,18:23 BYO3/13,18:35 BYO3/13,18:35 BYO3/13,18:35 BYO3/13,18:36 BYO3/13,18:36 BYO3/13,18:38 BYO3/13,18:39 BYO3/13,18:38 BYO3/13,18:38 BYO3/13,18:39 BYO3/13,18:38 BYO3/13,18:39 BYO3/13,18:38 BYO3/13,18:39 BYO3/13,18:39 BYO3/13,18:38 BYO3/13,18:33								,
DOY=72 Peak 17:20:15 DOY=72 Peak 18:22 17:36:16 17:36:16 17:40 17:40	48	SMM Pointing: N Peakc/s=54 G Wavelength=1375A	Qual=01 T	Tot Cts=287 M Exp #=85745 R	axkeV=187 ast=30"x30"	lags tep=	=NS 10" Pitch=-428",	, Үам=-431"
vent # = 10880 9/03/13,18:22 DOY=72 Start Peak End ptical 0ES 17:35 18:22 19: XRBS 17:34:18 17:36:16 17: CS 17:05 17:40 17: CS 17:05 17:40 17: CS 17:05 17:40 17: CS 18:34 18:39 19: CS 18:38 18:39 19: CS 18:38 18:39 19: CS 18:38 18:39 19: CS 18:38 18:39 19: CS 18:38 18:39 19: CS 18:38 18:39 19:	times 28:40	SMM Pointing: N Peakc/s=97 ( Wavelength=1375A	N33W12 Qual=00 Qual=02 1	P Tot Cts=10294 M Exp #=85748 R	Pitch=-525", Yaw= MaxkeV=231 Rast=30"x30"	,Yaw=-372",Roll=-20deg Flags=SN Step=10" Pitch=-	446"	H.Ang=42deg ,Yaw=-397"
• •	ле s	SMM Pointing: HaClass=SN Importance=M2 PeakC/s=183	N33W12 N32W16 Qual=05 Qual=01	AR5395 M		_ "		H.Ang=42deg H.Ang=42deg XEN=907210
•		c/s-404 ength=1375A 240 15400/10		-85753	Rast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=-514	1.024s/p1xel ",Yaw=-369" 
18:37:10 18:59:13 19 18:43		CaPeak.c/s=372	ciated al= 5	# = 20512 (=18:39	ak.c/s=33 =240"x240"	#Peaks=1 Step=10"	dt= 3.8s Cad= 590s	XEN=907211 1.024s/pixel
	.03:53	As Peakc/s=60 Wavelength=1375A	sociated Qual=02	Event # = 10881 Tot Cts=15938 Exp #=85755	MaxkeV=231 Rast=30"x30"	Flags=SN Step=10"	tch=-437	Yaw=-
Event # = 22566 89/03/13,20:36 D0Y=72 \$4art Peak End GOES 20:11 20:36 20: FCS 20:18	nd times 0:52	CaPeak.c/s=128 Wavelength=1375A	Qual=01 Qual= 4	FePeak=20:36 Exp #=85762	FePeak.c/s=22 Rast=240"x240" Rast=30"x30"	#Peaks=3 Step=10" Step=10"	dt= 7.7s Cad= 590s Pitch=-45	XEN=907212 1.024s/pixel 8", Yaw=-397"
Event # = 22567 89/03/13,21:46 D0Y=72 Start Peak GOES BCS 21:45 21:46 22: FCS UVSP 21:47	End times 22:00	CaPeak.c/s=89 Wavelength=1375A	Qual=00 Qual= 4	FePeak=21:45 Exp #=85767 4 DOY=73	FePeak.c/s=9 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 3.8s Cad= 590s Pitch=-50	XEN=907213 1.024s/pixel 6", Yaw=-390"
= 10884 ,03:05 DOY=73 tart Peak	End times	SMM Pointing: HaClass=1F			Pitch=-513",Yaw=- Mac.=FKC (	403" Jarr	,Roll=-20deg Lon.=260deg	H.Ang=42deg H.Ang=40deg
GOES 02:22 03:05 04 HXRBS 02:23:20 02:24:42 03 BCS 02:24 03:05 03 FCS 02:57	04:04 03:13:47 03:22	Importance=M2 Peakc/s=464 CaPeak.c/s=1357 Wavelength=1375A	Qual=03 Qual=03 Qual= 3 Code=00	Tot Cts=1.47E+5 FePeak=03:02 Exp #=85794	MaxkeV=274 FePeak.c/s=348 Rast=240"x240" Rast=10"x10"	Flags=ES #Peaks=2 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-44	XEN=907300 1.024s/pixel 5", Yaw=-452"

## Wavelength=1375A	03:59	04:23	_caPeak.c/s=130	Associated Qual= 5	1 Event # = 22568 FePeak=03:59	Febrak	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Peakc/s=43	∞		elength=137	, •	Exp #=85797	Rast=240"x240" Rast=265"x265"	*reaks=1 Step=10" Step=5"	<pre>dt= 3.85 Cad= 590s Pitch=_480</pre>	XEN=907302 1.024s/pixel
1 Peakc/s=43 Qual=01	D0Y=73 Peak	l l	Pointing	33W1		Pitch=-496", Ya		=-20deg	
SMM Pointing: N33W19  Peakc/s=40  Qual=00  Peakc/s=40  Qual=01  Wavelength=1375A  SMM Pointing: N33W19  Pitch=-492", Yaw  SMM Pointing: N33W19  Peakc/s=123  Qual=02  Peakc/s=123  Qual=03  Peakc/s=123  Qual=03  Peakc/s=123  Qual=03  Peakc/s=123  Qual=04  Maxev=102  Rass=240"x240"  Avavelength=2788A  Exp #=85813  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Rass=240"x240"  Avavelength=2788A  Exp #=85813  Rass=180"x1"	04:24:06	04:2	Peakc/s=43 Wavelength=1375	Qua] Qua]	Cts #=8	=102 )"×10	Step=0"	Pitch=-421",	", Yaw=-461"
9 Peakc/s=40 Qual=00	D0Y=73 Peak	43	Pointing	N33W19			w=-456", Roll	1=-20deg	H.Ang=44deg
SMM Pointing: N33W19  HaClass=SF  HaClass=HaClass=HaClass=HaClass=HaClass=HaClass=HaClass=HaClass=HaClass=HaClass=HaClass=HaClass=HaClass=HaC	05:58:48	05:58:5	c/s=40  ength=137		Cts=11 #=8581	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-572"	, Yaw=-437
HaClass=SF N31W21 AR5395 Mac.=FKC Importance=C9 Qual=02 CaPeak.c/s=123 Qual=01 Tot Cts=5774 Maxkev=102 CaPeak.c/s=416 Qual= 1 FePeak=06:19 FePeak.c/s=84 Rast=240"x240"x240" Wavelength=1375A Code=01 Exp #=85812 Rast=240"x240"x240" Wavelength=278A Exp #=85813 Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=240"x240" Rast=180"x1" CaPeak.c/s=61 Qual=01 Tot Cts=1692 Maxkev=102 Rast=180"x1" PeakClass=SF Rast=240"x240" Rast=180"x1" Rast=1280 Maxkev=187 Rast=240"x240" Rast=127 Qual=01 Tot Cts=1280 Maxkev=187 Rast=240" Rast=24	D0Y=73 Peak	End times	SE	N33W19		Pitch=-492", Ya	, Yaw=-456", Roll	]=-20deg	H.Ang=44deg
Peakc/s=123 Qual=01	i i	08:	Ha.	N31W21 Oual=02	AR5395	Mac.=FKC	Carr.Lon.	=257deg	H.Ang=43deg
#avelength=1375A Code=01 Exp #=85812 Rast=240"x240"		06:24:3 06:28	Peakc/s=123 CaPeak.c/s=416	Qual=01 Qual= 1		MaxkeV=102 FePeak.c/s=84			YEN-007202
CaPeak.c/s=152 Qual= 5 FePeak=07:05 FePeak.c/s=13 Wavelength=2788A Exp #=85813 Rast=240"x240"  SMM Pointing: N33W20 R85395 Mac.=FKC HaClass=SF N30W21 AR5395 Mac.=FKC Importance=M2 Qual=02 AR5395 Mac.=FKC Wavelength=2788A Exp #=85817 Rast=180"x1"  Associated Event # = 10888 PeakC/s=127 Qual=01 Tot Cts=1280 Maxkev=187 PeakC/s=127 Qual=01 Tot Cts=1280 Maxkev=187  Associated Event # = 10888 HaClass=SF N31W22 AR5395 Qual=01 Tot Cts=1280 Maxkev=187  Associated Event # = 10888 HaClass=SF N31W22 AR5395 Qual=01 Tot Cts=1280 Maxkev=187  Associated Event # = 10888 HaClass=SF N31W22 AR5395 Qual=01 Tot Cts=1280 Maxkev=187  Associated Event # = 10888 HaClass=SF N31W22 AR5395 Qual=01 FePeak=10:41 FePeak.c/s=13 Wavelength=2788A From #=86819	MHz)/F1	,	Wavelength=1375, 410/590 606/240	4 Code=01 4995/19 88		Rast=240"x240" Rast=30"x30"	Step=10" Step=10"	Cad= 590s Pitch=-585"	1.024s/pixel ",Yaw=-434"
SMM Pointing: N33W20  SMM Pointing: N33W20  HaClass=SF N30W21 AR5395 Mac.=FKC  HaClass=SF N2W29 AR5395 Mac.=FKC  Importance=M2 Qual=02 AR5395 Mac.=FKC  Wavelength=2788A Exp #=85817 Rast=180"x1"  Associated Event # = 10888  Associated Event # = 10888  HaClass=SF N31W22 AR5395  CaPeak.c/s=127 Qual=01 Tot Cts=1280 Maxkev=187  HaClass=SF N31W22 AR5395  Qual=00 Tot Cts=1280 Maxkev=187  HaClass=SF N31W22 AR5395  Qual=0 Tot Cts=10:41 FePeak.c/s=13  Wavelength=2788A From #=85813	90:20	07:50	ak.c/s=152	Qual= 5	FePeak=07:05	FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=907304
SMM Pointing: N33W20 Pitch=-484", Yaw.  HaClass=SF N30W21 AR5395 Mac.=FKC HaClass=SF N27W29 AR5395 Mac.=FKC Importance=M2 Qual=02 Peakc/s=61 Qual=01 Tot Cts=1692 Maxkev=102 Wavelength=2788A Exp #=85817 Rast=180"x1" 245/1000 410/470 4995/70 8800/81 Peakc/s=127 Qual=01 Tot Cts=1280 Maxkev=187 Peakc/s=127 Qual=01 Tot Cts=1280 Maxkev=187  S HaClass=SF S12E63 HaClass=SF N31W22 AR5395 Qual=00 CaPeak.c/s=97 Qual= 1 FePeak=10:41 FePeak.c/s=13 Wavelength=2788A Fxn #=85819			Wavelength=2788/		#=85813	Rast=243"x243" Rast=243"x243"	Step=10" Step=3"	Cad= 590s 1 Pitch=-480",	1.024s/pixel ', Yaw=-452"
HaClass=SF N30W21 AR5395 Mac.=FKC HaClass=SF N27W29 AR5395 Mac.=FKC Importance=M2 Qual=02 PeakC/s=61 Qual=02 Wavelength=2788A Wavelength=2788A  Associated Event # = 10888		End times	1	N33W20		Pitch=-484", Yaw	.476",	Roll=-20deg	H. Ang=45deg
Peakc/s=61 Qual=01 Tot Cts=1692 Maxkev=102 Wavelength=2788A	50	09:43	HaClass=SF HaClass=SF Importance=M2	N30W21 N27W29 Oual=02			Carr.Lon.= Carr.Lon.=		H.Ang=42deg H.Ang=44deg
Peakc/s=127 Qual=01 Tot Cts=1280 MaxkeV=187  HaClass=SF S12E63 HaClass=SF N31W22 AR5395  CaPeak.c/s=97 Qual= 1 FePeak=10:41 FePeak.c/s=13 Wavelenoth=27884 From #=26010	:19:35 ¶Hz)/Flu		Peakc/s=61 Wavelength=2788A 245/1000 410/470	Qual=01 4995/70	Tot Cts=1692 Exp #=85817 800/81	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-346"	, Yaw=-299"
End times  HaClass=SF S12E63  HaClass=SF N31W22  Qual=00  11:08 CaPeak.c/s=97 Qual= 1 FePeak=10:41 FePeak.c/s=13  Wavelength=27884  For #=8E010	:56:25 (		Peakc/s=127	sociated Qual=01	Event # = 10888 Tot Cts=1280	_, ⇔	1 1 1	1	1 1 1 1 1 1
HaClass=SF S12E63 HaClass=SF N31W22 AR5395 Qual=00 11:08 CaPeak.c/s=97 Qual= 1 FePeak=10:41 FePeak.c/s=13 Wavelength=278RA FVD #=86810		time							
11:08			.Class=S .Class=S	S12E63 N31W22	AR5395		Carr.Lon.=171deg Carr.Lon.=256den		H.Ang≖62deg H.Ang≖44deg
Rast=240"x240" ength=27884	:45 1		s/ɔ->		-			2/2	(FN=00730E
" E. OOL   LVP #-03010 KAST=180"XI"		-3	davelength=2788A	<b></b>	Exp #=85818 R		Step=10" (Step=0" F	Cad= 590s 1 Pitch=-343".	1.024s/pixel '.Yaw=-305"

Event # = 10890 89/03/14.11:59	0 DOY=73		SMM Pointing:	N33W21		Pitch=-479", Yaw=	, Yaw=-486", Roll=-20deg		H.Ang=45deg
Start 60ES 11:47:07 HXRBS 11:45 FCS UVSP 11:37	7	end times 11:47:30 12:18	Peakc/s=47 CaPeak.c/s=41 Wavelength=2788A	Qual=00 Qual=01 Qual= 1	Tot Cts=149 FePeak=11:58 Exp #=85819	MaxkeV=102 FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=2 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-341"	XEN=907306 1.024s/pixel ", Yaw=-309"
Event # = 2257 89/03/14,12:23 80/03/14,12:23 60ES BCS 12:22 FCS UVSP 12:35	1 DOY=73 Peak 12:23	End times 12:41	CaPeak.c/s=27 Wavelength=2788A	Qual=00 Qual= 4	FePeak=12:23 Exp #=85820	FePeak.c/s=6 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-338",	XEN=907307 1.024s/pixel ", Yaw=-315"
Event # = 2257 89/03/14,13:43 805 805 805 13:18 F0S 14:09	72 3 D0Y=73 Peak 13:43	End times 13:50	CaPeak.c/s=53 Wavelength=2788A	Qual=06 Qual= 4	FePeak=13:43 Exp #=85822	FePeak.c/s=16 Rast=240"x240" Rast=180"x1"	#Peaks=2 Step=10" Step=0"	dt= 7.7s Cad= 590s Pitch=-335"	XEN=907308 1.024s/pixel ", Yaw=-324"
Event # = 10891 89/03/14,13:52 Start Optical GOES HXRBS 13:50:17 BCS 13:52 FCS	91 D0Y=73 Peak	End times 9 13:53:45 13:54	SMM Pointing: HaClass=1F Peakc/s=72 CaPeak.c/s=20 Wavelength=2788A	N33W23 N30E56 Qual=06 Qual=01 Qual= 4	AR5404 Tot Cts=1968 FePeak=13:52 Exp #=85822	Pitch=-471", Yaw Mac.=BXO MaxkeV=102 FePeak.c/s=6 Rast=240"x240" Rast=180"x1"	, Yaw=-506", Roll=-20de Carr.lon.=176deg 6 #Peaks=1 dt= 7. 40" Step=10" Cad= 5 " Step=0" Pitch=	9 7s 90s -335	H.Ang=46deg H.Ang=65deg XEN=907309 1.024s/pixel ",Yaw=-324"
Event # = 2257 89/03/14,14:01 Optical GOES BCS 14:00 FCS UVSP 14:09	73 DOY=73 Peak 14:01	End times 14:15	HaClass=1F CaPeak.c/s=23 Wavelength=2788A	N30E56 Qual=00 Qual= 4	AR5404 FePeak=14:13 Exp #=85822	Mac.=BX0 FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	Carr.Lon.=176deg #Peaks=1 dt= 7. Step=10" Cad= 5 Step=0" Pitch=	=176deg H dt= 7.7s X Cad= 590s 1 Pitch=-335",	H.Ang=65deg XEN=907310 1.024s/pixel ", Yaw=-324"
Event # = 22574 89/03/14,14:52 Start 60ES BCS 14:51 FCS UVSP 14:43	74 00 00 = 73 Peak 14:52	End times 15:48	CaPeak.c/s=196 Wavelength=2788A	Qual=05 Qual= 5 A	FePeak=14:52 Exp #=85823	FePeak.c/s=18 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s X Cad= 590s 1 Pitch=-333",	XEN=907311 1.024s/pixel ",Yaw=-328"

Handle   H	Event # = 10892 89/03/14,17:31 DOY=73	'=73 th	, t	SMM Pointing:	N33W25		Pitch=-462", Yaw	, Yaw=-527", Rol	, Roll=-20deg	H. Ang=46deg
	17.	31 18.	^	Ha.	N33W21 N32W12	AR5395 AR5397	Mac.=FKC	Carr.Lon. Carr.Lon.	=251deg =242deg	H. Ang=45deg H. Ang=41deg
Carrier   Carr	4:24 16: 4 16:	56:56 17: 59 17:		Peakc/s=1039 CaPeak.c/s=2020	Qual=02 Qual=03 Qual= 2	Tot Cts=2.86E+5 FePeak=16:59	MaxkeV=367 FePeak.c/s=513	lags=M5, Peaks=1	ES dt= 7.7s	XEN=907312
17:59   18:34   CaPeak.c/s=1277	3 quency(M	Hz)/Flux(		Wavelength=137 410/580 606/38	Code=01 1415/640	Exp #=85831 4995/140 8800/23	Rast=240"x240" Rast=30"x30" 00 15400/1500	tep=10" tep=10"	Cad= 590s Pitch=-346	1.024s/pixel ",Yaw=-612"
Name   Name				CaPeak.c/s=127	Qual= 5	FePeak=17:59	FePeak.c/s=60	#Peaks=1	dt= 3.8s	XEN=907313
19:55   20:29   PeakClass=N   N32W27   Pitch=-457", Yaw=-537", Roll=-20deg     19:55   20:29   Importance=H1   Qual=01   Qual=01   Qual=02     19:55   20:29   Importance=H1   Qual=01   Qual=03   Qual=02     19:55   20:29   Importance=H1   Qual=03   Qual=03   Qual=03     19:55   20:29   PeakC/s=291   Qual=03   Qual=03   PeakC/s=291   Qual=03     19:39:53   19:56:21   PeakC/s=291   Qual=03   PeakC/s=291   Qual=03     19:39:25   20:29   PeakC/s=291   Qual=03   PeakC/s=292   PeakC/s=291   Qual=03     19:39:25   20:29   PeakC/s=291   Qual=03   PeakC/s=291   Qual=05     19:39:25   20:29   PeakC/s=291   Qual=05   Peak.s=19:42   Peaks=1   Qual=05     19:30:30   Wavelength=1375A   Peaks=22:38   Peaks=1   Qual=05   Pitch=-453", Yaw=-547", Roll=-20deg     19:30:30   Wavelength=1375A   Peaks=22:38   Peaks=22:38   Peaks=1   Qual=05   Pitch=-453", Yaw=-547", Roll=-20deg     19:30:30   Peak   PeaksC/s=44   Qual=05   Pitch=-453", Yaw=-547", Roll=-20deg     19:30   Peak   PeaksC/s=54   Qual=05   Peak=22:38   PeaksC/s=20   Peaks=22:38	<b>.</b>			Wavelength≈1375A		Exp #=85832	Rast=180"x180" Rast=265"x265"	Step=20" Step=5"	Cad=41.5s Pitch=-451	0.512s/pixel ,Yaw=-520"
HaClass=SN   N32W27   Packet=102   Hatelen   Hatele	0893 :55 DOY t Pea		times	Pointing	N33W25		Pitch=-457", Yaw	=-537", Rol	1=-20deg	H.Ang=47deg
19:39:53   19:36:21   PeakC/s=291   Qual=01   Tot Cts=39223   Haxkev=102   FePeakC/s=102   FePeakC/s=104   FePeakC/s=295   Qual=01   FePeak=19:42   FePeakC/s=103   FeP	6 19:			HaClass=SN	N32W27	AR5395	Mac.=FKC	Carr.Lon.	=256deg	H. Ang=47deg
Cy (MHz)/Flux(sfu): 4995/60 8800/100 15400/120	4:20 19: 1 19:	39:53 19: 52 20:	21		Qual=01 Qual= 1	Tot Cts=39223 FePeak=19:42	MaxkeV=102 FePeak.c/s=188		dt= 7.7s	XEN=907314
DOY=73   End times	8 quency (M	4z)/F1ux(!		ength=1375A 60 8800/100		Exp #=85841	Rast=240"x240" Rast=30"x30"		Cad= 590s Pitch=-415"	1.024s/pixel , Yaw=-542"
21:04 21:46	2576 :04 DOY: t Peal	=73 c End	times	10000	FOLICE					
DOY=73  Mavelength=1375A  Exp #=85846  Rast=265"x265" S265" S199 #Peaks=1 dt= 3.8s  Rast=260"x240" Step=10" Cad= 590s  Rast=265"x265" S265" S19E=10" Cad= 590s  Rast=265"x265" S265" S19E=10" Cad= 590s  Peak  HaClass=SF S19E51  AR5403  Mac.=CA0  Carr.Lon.=177deg  Qual=01  Exp #=85850  Rast=26"x265" S19E=10" Cad= 590s  Pitch=-453", Yaw=-547", Roll=-20deg  Pitch=-453", Yaw=-547", Roll=-20deg  Auxelength=13/5A  Qual=01  Carr.Lon.=177deg  Qual=01  Exp #=85850  Rast=240"x240" Step=10" Cad= 590s  Rast=26"x265" S265" Peaks=1 dt= 3.8s  Rast=240"x240" Step=10" Cad= 590s  Rast=265"x265" S19E=10" Cad= 590s  Rast=265"x265" S19E=10" Cad= 590s  Rast=265"x265" S19E=10" Cad= 590s				1 C/s=606	N32W2/ Qual=05 Qual= 5		Mac.=FKC		-255deg	H.Ang=47deg
DOY=73  End times  HaClass=SF Qual=05  21:42:18 21:42:38				ength=1375A	לממו ב	ak=21:04 #=85846	rereak.c/s=119 Rast=240"x240" Rast=265"x265"			XEN=907315 1.024s/pixel yaw=_530"
Peak End times HaClass=SF S19E51 AR5403 Mac.=CA0 Carr.Lon.=177deg Qual=05 Qual=05 (Qual=01 Tot Cts=124 MaxkeV=102 Step=10" Pitch=-375 DOY=73 Peak .c/s=54 Qual=0 Qual=0 Qual=0		.73		Pointing	ACUSEN		- 10 + 20		?	
D6 21:42:18 21:42:38 Peakc/s=44 Qual=01 Tot Cts=124 MaxkeV=102 Rast=30"x30" Step=10" Pitch=-375 FePeak End times    D0Y=73   Peak   CaPeak.c/s=54 Qual= 4 FePeak=22:38   FePeak.c/s=23 #Peaks=1 dt= 3.8s     Mayelength=1375A		End	times	. C. Jaco = S.F.	719F51	A D 5 A D 3	c	-34/ , KOII	=-<0deg	H.Ang=4/deg
77   DOY=73   Peak	2:06 21:4	21	:38	c/s=44 length=1375A	Qual=05 Qual=01		MaxkeV=102 Dast=30">30"	carr.Lon.=	1//aeg	H.Ang=51deg
Peak End times Qual=00 22:41 22:54 CaPeak.c/s=54 Qual= 4 FePeak=22:38 FePeak.c/s=23 #Peaks=1 dt= 3.8s Rast=240"x240" Step=10" Cad= 590s Wavelength=1375A Exp #=85853 Rast=265"x265" Step=5" Pitch=-439"		F						01-db-10	r i cell==3/3	, I GW=-3/9
22:41 22:54 CaPeak.c/s=54 Qual=0 Rast=240"x240" Step=10" Cad= 590s Wavelength=1375A Exp #=85853 Rast=265"x265" Step=5" Pitch=-439"		~	times	·						
Rast=240"x240" Step=10" Cad= 590s Wavelength=1375A Exp #=85853 Rast=265"x265" Step=5" Pitch=-439	22			k.c/s=54	Qual=00 Qual= 4				dt= 3.8s	XEN=907316
			-						Cad= 590s Pitch=-439"	1.024s/pixel ,Yaw=-548"

DOY=74 End times So:23:24 00:24:41 P H	89/03/15 D0Y=74	ing: N33W28 Pitch=-444", Yaw=-567", Roll=-20deg H.Ang=48deg	Class=SF N28W28 AR5395 Mac.=FKC Carr.Lon.=254deg H.Ang=44deg	udal=00 c/s=52 Qual=01 Tot Cts=491 MaxkeV=102 ak.c/s=56 Qual= 1 FePeak=00:24 FePeak.c/s=13 #Peaks=2 dt= 3.8s XEN=907400 ak.c/s=56 Qual= 1 FePeak=00:24 Fapeak=420"x240" Step=15" Cad= 459s_1.024s/ph.	Step=10" P1tcn=-4U/		aPeak.c/s=20 Qual= 2 FePeak=01:04 FePeak.c/s=7 #Peaks=1 dt= 7.7s XEN=90/401 avelength=1375A Qual= Exp #=85866 Rast=30"x30" Step=10" Pitch=-381",Yaw=-590"		Qual=00 Qual=01 Tot Cts=230 MaxkeV=102 elength=1375A Exp #=85869 Rast=10"x10" Step=0" Pitch=-378",Yaw=-595" /3 /600 606/47	0 0 1+1	eak.c/s=45 Qual= 1 FePeak=02:25 FePeak.c/s=/ #Peaks=2 ul- 5.03 1.024s/pixel Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel elength=1375A Exp #=85873 Rast=10"x10" Step=0" Pitch=-377", Yaw=-597"	AR5395 Mac.=FKC Carr.Lon.=261deg	Qual=00 8 Qual= 5	Step=5" Pltcn=-42/	Pointing: N33W31 H.Ang=50deg	ass=1F N33W25 AR5395 Mac.=FKC Carr.Lon.=249deg H.Ang=47deg	Tot FePe	ode=00 Exp #=85887 Rast=30"x30" Step=10 Fitch-130
00%=74 End times H H H H H H H H H H H H H H H H H H H		. N33W28	N28W28 AR5395	Qual=01 Tot Cts=491 Qual= 1 FePeak=00:24	5A Exp #=85862	00-10	Qual= 2 FePeak=01:04 Qual= 2 Exp #=85866	: N33W29	Qual=00 Qual=01 Tot Cts=230 Exp #=85869		Qual= 1 FePeak=02:25 A Exp #=85873	N30W37 AR5395	Qual=00 Qual= 5 FePeak=03:19	Exp #=85876	: N33W31	133W25 AR5395	ua =0   ua =0  Tot Cts=5457  ua =   FePeak=05:00	<pre>code=00 Exp #=85887</pre>
00:200:300:300:300:300:300:300:300:300:3		DOY=74 SMM P	Peak End times Ha	00:23:24 00:24:41 Peak 00:24 00:34 CaPe	Wavel 410/1	f End	01:04 01:04 C	DOY=74 SMM	01:51:18 01:51:32 Peak Type/Intensity: III/ WHY://Flux(sfu): 2455	DOY=74 Peak End time	:44 02:25 02:41 CaP :18 Wav	4 End times Ha	8 03:19 04:13 CaP	3:21 Frequency(MHz)/Flux(sfu):	MMS 47= YOU	Peak End times	05:02 05:04 :22 04:56:33 04:58:37 05:02 05:34	

9 05:29:48 05:30:11 Peakc/s=320 Wavelength=1375 Peak End times Peak End times Peak End times Pointing: HaClass=IF Importance=M5 Peak End times Peakc/s=2143 O6:50:00 07:22 CaPeak.c/s=1475 Peak Colors Peak Colors Peak Colors Peak Peak Peak Peak Peak Peak Peak Peak		Yawa-KOO" Doll- Sold	
DOY=74 End times SMM Pointing: N33W32 Peak End times Importance=M5 Qual=03 Qual=01 O6:50 07:22 CaPeak.c/s=2741 Qual=1 Cy(MHz)/Flux(sfu): 1415/57 2695/620 4995/160 O8:37 08:52 CaPeak.c/s=1475 Qual=1 Wavelength=1375A Code=02 CaPeak.c/s=1475 Qual=1 Wavelength=1375A Qual=1 Wavelength=1375A Qual=1 Wavelength=1375A Qual=5 O7:56:48 O7:59:16 Peak.c/s=163 Qual=05 Qual=01 Wavelength=1375A Qual=01 Wavele	MaxkeV=187 Rast=30"x30"		H.Ang≈50deg
cal 06:23 06:52 10:25	Di++0		1 dW=-345
06:52 10:25	674112111	, raw=-010", Roll=-20deg	H.Ang=50deg
06:50 07:22 CaPeak.c/s=2143 Qual=01 06:50 07:22 CaPeak.c/s=2741 Qual= 1 1415/57 2695/620 4995/160 08:37 08:52 CaPeak.c/s=1475 Qual= 1 1415/57 2695/620 4995/160 08:37 08:52 CaPeak.c/s=1475 Qual= 1 1415/57 2695/620 4995/160 08:37 08:52 CaPeak.c/s=1475 Qual= 1 1415/57 2695/620 4995/160 09:32 10:27 CaPeak.c/s=163 Qual= 5 10:27 CaPeak.c/s=163 Qual= 5 07:56:48 07:59:16 Peakc/s=45 Qual= 01 Wavelength= 1375A Qual= 01 Wavelength	Mac.=FKC	Carr.Lon.=258deg	H.Ang≃53deg
Cy (MHz)/Flux(sfu): Wavelength=1375A Code=02	09E+5 MaxkeV=367		
Cy (MHz)/Flux(sfu): 1415/57 2695/620 4995/160  08:37	FePeak.c/s=964		Dur=180sec
08:37	Rast=240"x240" Rast=30"x30"	Step=10" Cad= 590s 1 Step=10" Pitch=-425",	AEN=90/405 1.024s/pixel 5",Yaw=-644"
Wavelength=1375A	1		
DOY=74 End times SMM Pointing: N33W32  DOY=74 End times SMM Pointing: N33W32  DOY=74 End times SMM Pointing: N33W32  DOY=74 End times SMM Pointing: N33W32  DOY=74 End times SMM Pointing: N33W32  O8:12:54 O8:13:23 Peakc/s=164 Qual=01  Wavelength=1375A Qual=01  Wavelength=1375A Qual=01  Wavelength=1375A Qual=01  SMM Pointing: N33W32  Peak End times SMM Pointing: N33W32	rePeak.c/s=278 Rast=240"x240"	#Peaks=2 dt= 7.7s X Step=10" Cad= 590s 1	XEN=907406
DOY=74	Rast=30"x30" 		", Yaw=-648"
DOY=74 SMM Pointing: N33W32 Peak End times O7:56:48 07:59:16 Peakc/s=45 Qual=06 Exp DOY=74 SMM Pointing: N33W32 Peak End times Wavelength=1375A Qual=01 Tot Wavelength=1375A Qual=01 Tot Wavelength=1375A Qual=01 Tot Wavelength=1375A SMM Pointing: N33W32 Exp DOY=74 SMM Pointing: N33W32	FePeak.c/s=9 Rast=240"x240" Rast=120"×1"	eaks=1 dt= ep=10" Cad	XEN=907407 1.024s/pixel
DOY=74 Peak End times O7:56:48 O7:59:16 Peakc/s=45 Qual=01 Tot Wavelength=1375A DOY=74 SMM Pointing: N33W32 Peak Box:12:54 O8:13:23 Peakc/s=164 Qual=01 Tot Wavelength=1375A Wavelength=1375A SMM Pointing: N33W32 Peak SMM Pointing: N33W32 Peak Boy=74 SMM Pointing: N33W32	TV 001 1500		", Yaw=-436"
07:56:48 07:59:16 Peakc/s=45 Qual=06 Tot Wavelength=1375A Exp  D0Y=74 SMM Pointing: N33W32 Peak End times Wavelength=1375A Qual=00 08:12:54 08:13:23 Peakc/s=164 Qual=01 Tot Wavelength=1375A Exp  V(MHz)/Flux(sfu): 15400/54 Peak End times SMM Pointing: N33W32	Pitch=-425", Yaw=-610", Roll=-20deg	610", Roll=-20deg	H.Ang=50deg
DOY=74  Peak End times  08:12:54 08:13:23 Peakc/s=164 Qual=01 Tot Wavelength=1375A Exp  15400/54  SMM Pointing: N33W32  SMM Pointing: N33W32	MaxkeV=102 Rast=265"x265"	Step=5" Ditch=_414"	: CO3 :::EX
08:12:54 08:13:23 Peakc/s=164 Qual=01 Tot Wavelength=1375A Exp Exp D0Y=74 SMM Pointing: N33W32	II >	510", Roll=-20dea	, raw==5003 H. Ann=50den
y(MHz)/Flux(sfu): 15400/54 Exp Exp Exp D0Y=74 SMM Pointing: N33W32		)	6
DOY=74 SMM Pointing: Peak End times	MaxkeV=144 Rast=30"x30"	Step=10" Pitch=-322",Yaw=-666"	', Yaw=-666"
Peak End times			
	Pitch=-425",Yaw=-6	,Yaw=-610",Roll=-20deg	H.Ang=50deg
HXRBS 08:19:35 08:19:51 08:20:44 Peakc/s=194 Qual=03 UVSP 08:04 Wavelength=1375A Radio Frequency(MHz)/Flux(sfu): 8800/140 1540A/24A	MaxkeV=144 Rast=30"x30"	Step=10" Pitch=-322" Yaw=-666	" 333 - = MEY

Fvent # = 11176							1000		A A A A A A A A A A A A A A A A A A A
89/03/15,09:51	DOY=74	- to -	SMM Pointing:	N33W33		Pitch=-420",Yaw	, Yaw=-620", KOI	, Koll=-20aeg	n.Any=21uey
Start 60ES HXRBS 09:50:33 UVSP 10:21 Radio Sweeps	8		Peakc/s=41 Wavelength=2788A III/3	Qual=05 Qual=01	Tot Cts=258 Exp #=85906	MaxkeV=102 Rast=180"x1"	Flags=I Step=O"	Pitch=-281",Yaw=-445	, үам=-445"
Event # = 11177 89/03/15,11:37	D0Y=74		SMM Pointing:	N33W34		Pitch=-415", Yaw	, Yaw=-630", Rol	, Roll=-20deg	H.Ang=51deg
Start GOES HXRBS 11:36:59 UVSP 11:56		End times 11:37:40	Peakc/s=40 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=118 Exp #=85908	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-277"	, Үам=-454"
Event # = 22583 89/03/15,11:59 Start	DOY=74 Peak	End times		00=[e:10					
GOES BCS 11:38 FCS UVSP 11:56	11:59	12:00	CaPeak.c/s=94 Wavelength=2788A	Qual= 2	FePeak=11:59 Exp #=85908	FePeak.c/s=28 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s X Cad= 590s 1 Pitch=-277",	XEN=907408 1.024s/pixel ",Yaw=-454"
Event # = 11178 89/03/15,12:21	b0y=74		SMM Pointing:	N33W34		Pitch=-415", Yaw	, Yaw=-630", Rol	, Roll=-20deg	H.Ang=51deg
Start Optical	Peak	End times	lass=1N	N28W32	AR5395	Mac.=FKC	Carr.Lon.=251deg	=251deg	H.Ang≖47deg
GOES 12:01 HXRBS 12:00:42 UVSP 12:29 Radio Frequer	12:01 12:21 12:50 12:00:42 12:01:04 12:01:45 12:29 Frequency(MHz)/Flux(sfu)	12:21 12:50 12:01:04 12:01:42 :y(MHz)/Flux(sfu):	Importance=M1 Q1 Peakc/s=52 Q1 Wavelength=2788A C 2695/150 4995/280	Qual=02 Qual=01 Code=02 0 8800/280	ua =02  ua =01 Tot Cts=487  ode=02 Exp #=85909  8800/280 15400/190	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-276"	, Yaw=-457"
Event # = 22584 89/03/15,12:39	D0Y=74	Fnd times						- - - -	
Optical	F 200		HaClass=SF	N34W37	AR5395	Mac.=FKC	Carr.Lon.=256deg	=256deg	H.Ang=54deg
GDES BCS 12:38 FCS 12:29 UVSP 12:29	12:39	13:04	CaPeak.c/s=103 Wavelength=2788A	(ua)= 5 (ua)= 5	FePeak=12:42 Exp #=85909	FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s Cad= 590s Pitch=-276	XEN=907409 1.024s/pixel ", Yaw=-457"
Event # = 10903 89/03/15.13:38	3 D0Y=74		SMM Pointing:	N33W35		Pitch=-409", Yaw	, Yaw=-644", Roll*-20deg	11*-20deg	H.Ang*52deg
Optical	_	End times	Ha	N31W38	AR5395	Mac.=FKC	Carr.Lon.=257deg	.=257deg	H.Ang=53deg
GÓES 13:31 HXRBS 13:31:07 BCS 13:25	13:38 7 13:33:02 13:33	13:50 2 13:33:38 13:34	Importance=Ml Peakc/s=181 CaPeak.c/s=118	Qual=02 Qual=01 Qual= 2	Tot Cts=2440 FePeak=13:33	MaxkeV=187 FePeak.c/s=32 pac+=240"x240"	#Peaks=1 Sten=10"	dt= 7.7s Cad= 590s	XEN=907410 1.024s/pixel
	:		Wavelength=2788A	Code=01	Exp #=85910	Rast=180"x1"			", Yaw≖-462"
Soo	eeps Type/Intensity Frequency(MHz)/Flux(sfu)	Intensity: Flux(sfu):	111/3 245/5400 410/860	606/190	400 410/860 606/190 4995/65 8800/100	0			

Peak End times  14:39:23 44:29:58 Peak.c./s=10  14:30	Event # = 10904 89/03/15,14:31	10904 14:31	D0Y=74		SMM Pointing:	N33W35		Pitch=-409" Ya	Yaw=-644" DO	Poll=_20deg	T Anna E Color
14:31	St •••••	art	Peak	End times	:					62001	fanac-falle-ii
14:39:29 Pak. (-/5-7) Qual=01 TePeak=14:30 Febeak (-/5-2) Febeak (	:S 14		14:31	:34	HaClass=SF Importance=C5	N31E44 Oual=01	AR5404	Mac.=8X0	Carr.Lon.	.≖174deg	H.Ang=57deg
DOY=74  Teak 1 Class=288	14 I4	92:	N	14:29:58 14:37	Peakc/s=77 CaPeak.c/s=102	Qual=01 Qual= 1	Tot Cts=970 FePeak=14:30	MaxkeV=102 FePeak.c/s=28			XEN=907411
DOY=74 Peak End times    14:53   15:00   CaPeak.c/s=34   Qual=01   FePeak=14:53   Rast=240" Ztep=0"   Pitch=-269     14:53   15:00   CaPeak.c/s=34   Qual=01   FePeak=14:53   Rast=180"X!"   Step=0"   Pitch=-269     15:05   15:07   CaPeak.c/s=20   Qual=04   FePeak=15:06   FePeak.c/s=10   FePeak=16:07     15:05   15:07   CaPeak.c/s=20   Qual=04   FePeak=15:06   FePeak.c/s=10   FePeak=16:07     15:05   15:07   CaPeak.c/s=26   Qual=04   FePeak=15:05   FePeak.c/s=10   FePeak=16:07     15:05   15:07   CaPeak.c/s=26   Qual=04     15:05   15:07   CaPeak.c/s=26   Qual=04     15:01   15:55   CaPeak.c/s=26   Qual=04     15:02   16:41   CaPeak.c/s=26   Qual=04     16:18   CaPeak.c/s=34   CaPeak.c/s=44     16:18   CaPeak.c/s=34   CaPeak.c/s=44     16:18   CaPeak.c/s=34   CaPeak.c/s=34   CaPeak.c/s=34   CaPeak.c/s=34     16:18   CaPeak.c/s=34   CaPeak.c/s=34   CaPeak.c/s=34   CaPeak.c/s=34     16:18   CaPeak.c/s=34   CaPeak.c/s=3			14:30		reaksc/s=11 Wavelength=2788A	Code=01	Exp #=85911	Rast=240"x240" Rast=180"x1"			1.024s/pixel ", Yaw=-465"
14:53 15:00			DOY=74 Peak	End times							
DOY=74  Peak  Exp #=85912  Rast=180"x1" Step=10" Cad= 590s  Rast=180"x1" Step=10" Cad= 590s  15:05	14	:52	14:53	15:00	CaPeak.c/s=34	Qual=01 Qual= 1	FePeak=14:53	FePeak.c/s=12			XEN=907412
DOY=74 Peak End times  15:05 15:07 CaPeak.C/s=20 Qual=00  16:05 15:07 CaPeak.C/s=20 Qual=4 FePeak=15:06 FePeak.C/s=10 #Peaks=1 dt= 7.7s  Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=180"x1" Step=0" Pitch=-269  Rast=240"x240" Step=10" Cad= 590s Rast=180"x1" Step=0" Pitch=-269  Rast=240"x240" Step=10" Cad= 590s Rast=180"x1" Step=0" Pitch=-269  Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Pitch=-269 Rast=240"x240" Step=10" Pitch=-269 Rast=240"x240" Step=10" Pitch=-269 Rast=240"x240" Step=10" Pitch=-269 Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=268"x1" Step=0" Pitch=-268" Rast=180"x1" Step=0" Pitch=-269" Rast=240"x240" Step=10" Cad= 590s Rast=268"x1" Step=0" Pitch=-269" Rast=240"x240" Step=10" Cad= 590s Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264" Rast=260"x240" Step=10" Pitch=-264"	P 15	:05			Wavelength=2788A		Exp #=85912	Rast=240"x240" Rast=180"x1"			1.024s/pixel ", Yaw=-470"
15:05 15:07 CaPeak.c/s=20 Qual=0	nt # = 03/15, Sta	1	D0Y=74 Peak	End times							
DOY=74 End times  DOY=74 HaClass=2B  N31W40 AN5395  MAC.=FKC  Carr.Lon.=257deg  DOY=74 End times  Mavelength=2788A Exp #=85913 Rast=180"x1" Step=10" Peak.c/s=1393 Qual=65 Exp #=85913 Rast=180"x1" Step=10" Pitch=-269 Pitch=-264 End times  Mavelength=2788A Exp #=85913 Exp #=85913 Rast=180"x1" Step=10" Pitch=-269 Pitch=-269 Pitch=-264 Peak.c/s=1393 Qual=65 Exp #=85913 Rast=180"x1" Step=10" Pitch=-269 Pitch=-269 Pitch=-264 Peak.c/s=1393 Pitch=-264 Peak.c/s=1393 Pea	_		15:05	15:07	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=15:06	FePeak.c/s=10		dt= 7.7s	XEN=907413
DOY=74  Peak End times    15:51   15:55   CaPeak.c/s=25   Qual=01	_	:02 requency	y (MHz)/F	lux(sfu):	Wavelength=2788A 245/1100		Exp #=85912	Rast=240"x240" Rast=180"x1"		Cad= 590s Pitch=-269	1.024s/pixel ", Yaw=-470"
15:51 15:55 CaPeak.c/s=25 Qual=01	t # 3/1	22587 15:51 ( irt	00Y=74 eak	End times							
DOY=74 Peak End times    Qual=01		:50	15:51	15:55		Qual=01 Qual= 4	FePeak=15:50	FePeak.c/s=8		dt= 7.7s	XEN=907414
DOY=74 Peak End times  16:02 16:41 CaPeak.c/s=51 Qual=01 16:18 Wavelength=2788A End times  HaClass=28 I] Qual=01 Rast=240"x240" Step=10" Cad= 590s Rast=180"x1" Step=0" Pitch=-268 Rast=180"x1" Step=0" Pitch=-268 Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s Rast=240"x240" Step=10" Cad= 590s	15	36			Wavelength=2788A		Exp #=85913	Rast=240"x240" Rast=180"x1"		Cad= 590s Pitch=-268	1.024s/pixel ", Yaw=-473"
16:02 16:41			)0Y=74 )eak	End times							
D0Y=74 Peak End times HaClass=2B N31W40 AR5395 Mac.=FKC Carr.Lon.=257deg 16:54 18:38 Importance=M8 Qual=05 17:18 17:51 CaPeak.c/s=1393 Qual= 5 FePeak=17:18 FePeak.c/s=198 #Peaks=1 dt= 3.8s 17:18 Ast=240"x240" Step=10" Cad= 590s Wavelength=2788A Exp #=85915 Rast=180"x1" Step=0" Pitch=-264	1 1		16:02 16:18	_	CaPeak.c/s=51 Peak3c/s=11 Wavelength=2788A	Qual=01 Qual= 1	FePeak=16:01 Exp #=85913	FePeak.c/s=16 Rast=240"x240" Rast=180"x1"		dt= 3.8s Cad= 590s Pitch=-268'	XEN=907415 1.024s/pixel ", Yaw=-473"
16:48	t # = 3/15,1 Sta cal	22590 6:54 D	00Y=74 eak			N31UAO	ADESOE	200		7	
17:10 Mavelength=2788A Exp #=85915 Rast=180"x1" Step=10" Cad= 590s	16: 17:					0ual=05 0ual= 5	AK5395 FePeak=17:18	mac.=rrc FePeak.c/s=198	#Peaks=1	8s	H.Ang=54deg XEN=907416
	17	10					Exp #=85915	Rast=240"x240" Rast=180"x1"	Step=10" Step=0"	Cad= 590s Pitch=-264"	1.024s/pixel , Yaw=-481"

Event # 89/03/15	t # = 10905 3/15,17:33	D0Y=74	١.	SMM Pointing: N	N33W37		Pitch=-400", Yaw=-664", Roll=-20deg	-664", Roll:		H.Ang=53deg
GOES HXRBS 1 UVSP 1	Start 17:20:15 17:25	Реак 17:33:43	End times 17:39:31	Peakc/s=68 Wavelength=2788A	Qual=00 Qual=02	Tot Cts=6645 Exp #=85916	MaxkeV=187 Rast=243"x243"	Flags=SN Step=3"	Pitch=-390"	, Yaw=-655"
Event # = 22589 89/03/15,18:54 0ptical 60ES BCS 18:51 FCS UVSP 18:54	= 22589 5,18:54 Start 18:51 18:54	D0Y=74 Peak 18:54	End times 19:09	HaClass=SF CaPeak.c/s=26 Wavelength=1375A	\$18W26 Qual=00 Qual= 4	AR5398 FePeak=18:57 Exp #=85917	Mac.=EAI FePeak.c/s=7 Rast=240"x240" Rast=265"x265"	Carr.Lon.=242deg #Peaks=1 dt= 7. Step=10" Cad= 5 Step=5" Pitch=	7s 90s -386	H.Ang=28deg XEN=907417 1.024s/pixel ",Yaw=-663"
Event # = 10906 89/03/15,19:25 Start Optical GOES HXRBS 19:23:26 BCS 19:24 FCS 19:19	= 10906 5,19:25 Start 19:23:26 19:24	DOY=74 Peak 19:24:00	End times 19:24:15 19:27	SMM Pointing: HaClass=SF Peakc/s=49 CaPeak.c/s=28 Wavelength=1375A	N33W38 S13E35 Qual=00 Qual= 1	AR5403 Tot Cts=293 FePeak=19:25 Exp #=85921	Pitch=-394", Yaw=-676"  Mac.=CK0 Carr.  MaxkeV=102 #Peak FePeak.c/s=8 #Peak Rast=240"x240" Step=Rast=30"x30" Step=Rast=30"x30"	=-676",Rol' Carr.Lon.* #Peaks=1 Step=10" Step=10"	9 7 s 90s -298'	H.Ang=54deg H.Ang=35deg XEN=907418 1.024s/pixel ', Yaw=-716"
Event # = 10907 89/03/15,20:55 89/03/15,20:55 GOES HXRBS 20:51:26 BCS 20:30 FCS UVSP 20:50	= 10907 5,20:55 Start 20:51:26 20:30	7 D0Y=74 Peak 6 20:53:50 20:55	End times ) 20:54:55 21:03	SMM Pointing: Peakc/s=46 CaPeak.c/s=83 Wavelength=1375A	N33W39 Qual=00 Qual=01 Qual= 1	Tot Cts=839 FePeak=20:54 Exp #=85928	Pitch=-389", Yaw MaxkeV=102 FePeak.c/s=20 Rast=240"x240" Rast=30"x30"	=-686", Roll #Peaks=2 Step=10" Step=10"	,Roll=-20deg s=2 dt= 3.8s 10" Cad= 590s 10" Pitch=-264"	H.Ang=55deg XEN=907419 1.024s/pixel 4",Yaw=-785"
Event # 89/03/1 GOES BCS FCS UVSP	Event # = 22591 89/03/15,21:30 Start 60ES 21:10 BCS 21:57 FCS 21:57	1 DOY=74 Peak 21:30 21:57 22:08	End times 22:12 22:21	Importance=C8 CaPeak.c/s=117 Peak3.c/s=11 Wavelength=1375A	Qual=05 Qual= 5   Code=01	FePeak=21:57 Exp #=85930 16 DOY=75	FePeak.c/s=9 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=10"	dt= 3.8s Cad= 590s Pitch=-27	XEN=907420 1.024s/pixel 4", Yaw=-787"
Event 89/03/3/3/03/03/03/03/03/03/03/03/03/03/03	16,01:17 3/16,01:17 Start 01:14 01:11 o Sweeps o Frequence	= 22592 .01:17 DOY=75 End time tart Peak End time 1:14 01:17 01:25 1:11 Type/Intensity Frequency(MHz)/Flux(sfu)	End times 01:25 Intensity: Flux(sfu):	s CaPeak.c/s=22 Wavelength=1375A III/3 245/1900 410/140	00	FePeak=01:17 Exp #=85947	FePeak.c/s=6 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=10"	dt= 7.7s Cad= 590s Pitch=-36	XEN=907500 1.024s/pixel 33", Yaw=-737"

01:37:51 01:37:57 PeakC/s=52	Event # = 10908 89/03/16,01:37 Start	10908 01:37 art	DOY=75	שיי דים דים דים	SMM Pointing:	N33W41		Pitch=-378", Yaw	, Yaw=-707", Ro]	, Roll=-20deg	H. Ang=56den
DOY=75   End times	GOES HXRBS 01: UVSP 01:	:37:46	01:37	_	า		Tot Exp	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-363	Yaw=-739
02:20 03:38	ent # = //03/16,0	10909 )2:20 irt	DOY=7 Peak	Fnd + imp	SMM Pointing	N33W41		Pitch=-378", Yaw	r=-707", Rol	]=-20deg	H. Ang=56dea
01:59:21 01:59:47 Peakc/s=340 Quai=03 Tot Cts=28668 Maxkev=144 Flags=ES	tical ES 01:	:55	02:20	03:	HaClass=1F Importance=M3	N28W48 0ual=02		Mac.=FKC	Carr.Lon.	=260deg	H.Ang=58deg
Cy (MHz)/Flux(sfu): 245/440 1415/240 2695/430 4995/440 8800/230 15400/58  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  Exp #=85967  Maxev=10"x240" Step=10" Cad=590s Pitch=-363" yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Oual=00  O4:54:20 O4:54:42 Peakc/s=10  Qual=01  Exp #=85967  Maxev=10" x240"  Raxtev=06" Step=10" Cad=590s Pitch=-285"  Pitch=-363", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Oual=00  O4:54:20 O4:54:42 Peakc/s=10  Qual=01  Exp #=85967  Raxtev=10" x10"  Raxtev=10" x10"  Raxtev=10" x10"  Raxtev=10" x10"  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-388", Yaw=-717", Roll=-20deg  Oual=00  O4:54:20 O4:54:42 Peakc/s=40  Qual=01  Exp #=85967  Raxtev=10" x10"  Raxtev=10"	KBS 01:	:55:37 37	01:59:2 02:38	01:59:4 03:32	Peakc/s=340 CaPeak.c/s=510	Qual=03 Qual= 5		MaxkeV=144 FePeak.c/s=59	Flags=ES #Peaks=1		XFN=Q07502
DOY=75  Doy=75  End times  SMM Pointing: N33W42  Pitch=-373", Yaw=-717", Roll=-20deg  O4:13:47 O4:14:30  Peakc/s=2000  Qual=05  O4:48  O4:13:47 O4:14:30  Peakc/s=2000  Qual=05  O4:48  Doy=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  End times  SMM Pointing: N33W42  DOY=75  Exp #=85961  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  O4:49:17 O4:50:24  Peakc/s=41  Qual=01  O4:49:17 O4:54:42  Peakc/s=70  Qual=01  O4:54:20 O4:54:42  Peakc/s=70  Qual=01  O4:54:20 O4:54:42  Peakc/s=70  Qual=01  O4:54:20 O4:54:42  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-20deg  O4:54:20 O4:54:42  Peakc/s=41  Qual=01  O4:49:17 O4:50:24  Peakc/s=40  Qual=01  O4:64:50:04  O4:64:05:05  O4:64:05:05  O4:64:05:05  O4:64:05  O4:65:05  O4:6	UVSP 02: Radio Fr	.39 equent	cy (MHz)/	Flux(sfu):	Wavelength=1375/ 245/440 1415/240			Rast=240"x240" Rast=265"x265" 230 15400/58	Step=10" Step=5"		1.024s/pixel ",Yaw=-702"
04:13:47 04:14:30	ont # = '03/16,0 Sta	10920 14:15 rt	DOY=7 Peak	End times	Pointing	N33W42		Pitch=-373", Yaw	=-717", Rol	1=-20deg	H.Ang=57deg
Cy (MHz)/Flux(sfu): 245/1100 15400/250		13:38 10	04:13 04:15 04:48	04:14:30 05:05	Peakc/s=2000 CaPeak.c/s=246 Peak3 c/s=2062	Qual=05 Qual=01 Qual= 1	Tot Cts=12828 FePeak=04:15	MaxkeV=468 FePeak,c/s=30	Flags=M5 #Peaks=1	dt= 3.8s	XEN=907519
DOY=75 End times O4:49:17 04:50:24 Peak DOY=75  SMM Pointing: N33W42  O4:49:17 04:50:24 Wavelength=1375A  DOY=75  Exp #=85967  Pitch=-373", Yaw=-717", Roll=-20deg  Pitch=-373", Yaw=-717", Roll=-285"  Maxkev=102  Rast=10"x10" Step=0" Pitch=-285"  Rast=10"x10" Step=0" Pitch=-285"  Oual=00 O4:54:20 O4:54:42 Wavelength=1375A  Oual=01  Exp #=85967  Pitch=-373", Yaw=-717", Roll=-286"  Pitch=-373", Yaw=-717", Roll=-286"  Pitch=-373", Yaw=-717", Roll=-286"  Pitch=-373", Yaw=-717", Roll=-286"  Pitch=-373", Yaw=-717", Roll=-286"  Potch=-285"  Oual=00 O4:54:44 O5:47:52  Peak Oual=01  Oual=01  Fxp #=85967  Pitch=-368", Yaw=-727", Roll=-286", Aual=-368", Yaw=-727", Roll=-369", Roll=-368", Yaw=-727", Roll=-369", Pitch=-368", Pitch=-369", Pitc	0	13 equenc	.y (MHz) /F		Wavelength=1375A 245/1100 15400/2	50		Kast=240"x240" Rast=265"x265"	Step=10" Step=5"	Cad= 590s Pitch=-363"	1.024s/pixel ', Yaw=-710"
04:49:17 04:50:24       Peakc/s=41 Qual=01 Tot Cts=318 Aaxkev=102       Maxkev=102 Rast=10"x10" Step=0" Pitch=-285"         D0y=75 Peak       SMM Pointing: N33W42 Peak       N33W42 Peak       Pitch=-373", Yaw=-717", Roll=-20deg         D0y=75 Peak       Qual=00 Qual=01 Exp #=85967       Pitch=-373", Yaw=-717", Roll=-20deg         D0y=75 Peak       Qual=01 Exp #=85967       Pitch=-368", Yaw=-727", Roll=-20deg         Peak       Qual=01 Tot Cts=201 Rast=10"x10" Step=0" Pitch=-285"         Peak       Qual=00 Qual=01 Tot Cts=48 Rast=10"x10" Step=5" Pitch=-369", Yaw=-727", Roll=-20deg         Peak       Qual=01 Tot Cts=48 Rast=265"x265" Step=5" Pitch=-359", Roll=-359", Roll=-3	nt # = 03/16,04 Stan	10910 4:49 rt	DOY=7 Peak	End times		N33W42		Pitch=-373", Yaw	717", Roll	]=-20deg	H.Ang=57deg
DOY=75 Peak End times  O4:54:20 04:54:42 Peakc/s=70 Qual=01  O4:54:20 04:54:42 Peakc/s=70 Qual=01  DOY=75  Exp #=85967  Maxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Pitch=-368", Yaw=-717", Roll=-20deg  Pitch=-368", Yaw=-727", Roll=-20deg  O4:547:44 05:47:52 Peakc/s=44 Qual=01  O5:47:44 05:47:52 Peakc/s=44 Qual=01  Exp #=85970 Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102  Raxkev=102	8S 04:4 04:4	48:55 44	04:49:17	_	Peakc/s=41 Wavelength=1375A		Tot Cts=318 Exp #=85967	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-285"	, Yaw=-754"
04:54:20 04:54:42	nt # = ] 33/16,04 Star	10911 4:54 7	DOY=75 Peak	End times	1	N33W42		Pitch=-373", Yaw=	717", Roll	=-20deg	H.Ang=57deg
DOY=75 Peak End times Qual=00 05:47:44 05:47:52 Peakc/s=44 Qual=01 Tot Cts=48 MaxkeV=102 Mavelength=1375A Exp #=85970 Rast=265"x265" Step=5" Pitch=-359",	3S 04:5 04:4	54:09 14	04:54:20		Peakc/s=70 Wavelength≈1375A	Qual=00 Qual=01	Tot Cts=201 Exp #=85967	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-285"	,Yaw=-754"
05:47:39 05:47:44 05:47:52 Peakc/s=44 Qual=01 Tot Cts=48 MaxkeV=102	nt # = 1 33/16,05 Star	10912 5:47   t	00Y=75 eak	End times	S.	N33W43		Pitch=-368", Yaw=	-727", Roll		H.Ang≈57deg
	1		)5:47:44	05:	Peakc/s=44 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=48 Exp #=85970			Pitch=-359",	

Event # 89/03/1	Event # = 10913 89/03/16,06:14	D0Y=75	1	SMM Pointing:	N33W43		Pitch=-368", Yaw=	, Yaw=-727", Roll=-20deg	=-20deg	H.Ang=57deg
GOES HXRBS BCS	2	Peak 06:11:36 06:14	End times 06:17:29 06:38	Peakc/s=119 CaPeak.c/s=167	Qual=01 Qual=01 Qual= 1	Tot Cts=5782 FePeak=06:13	MaxkeV=102 FePeak.c/s=37 Rast=240"x240"	#Peaks=2 Step=10"	dt= 3.8s X Cad= 590s 1	XEN=907503 1.024s/pixel
FCS UVSP Radio	06:11 Frequen	06:11 Frequency(MHz)/Flux(sfu):		Wavelength=1375A Exp #=85974 245/450 410/64 8800/58 15400/67	300/58 154	Exp #=85974 100/67			Pitch=-296'	, Yaw=-747"
Event 89/03/	Event # = 10914 89/03/16,06:33	D0Y=75	4 T	SMM Pointing:	N33W43		Pitch=-368", Yaw	, Yaw=-727", Roll=-20deg	=-20deg	H.Ang=57deg
GOES HXRBS UVSP	Start 06:32:51 06:33	06:33:00	06:33:00 06:33:09	Peakc/s=41 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=140 Exp #=85976	MaxkeV=187 Rast=30"x30"	Step=10"	Pitch=-300	Pitch*-300", Yaw=-748"
Event 89/03/	Event # = 10915 89/03/16,07:24	D0Y=75		SMM Pointing:	N33W45		Pitch=-363", Yaw	, Yaw=-738", Rol	, Roll=-20deg	H.Ang=58deg
S Optical	Start	Peak	End times	HaClass=SN	N32W57	AR5395	Mac.=FKC	Carr.Lon.=266deg	=266deg	H.Ang=67deg
GOES HXRBS BCS	07:20:02 07:18	07:20:19 07:24	07:20:36	Peakc/s=53 CaPeak.c/s=27	Qual=00 Qual=01 Qual= 1	Tot Cts=368 FePeak=07:24	MaxkeV=102 FePeak.c/s=7 past=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	XEN=907504 1.024s/pixel
rcs uvsp	07:24			Wavelength=1375A		Exp #=85979	Rast=30"x30"			3", Yaw=-772"
Event 89/03/	Event # = 22594 89/03/16,07:55 Start	DOY=75 Peak	End times			30034	(A)	nabyyc nol med	=266dea	H Ann=67den
Optica	_			HaClass≖SN	N32W57 Oual=06	AR5395	Mac.=FKC		fancoz=	Septo-Silven
BCS FCS UVSP	07:54 07:45	07:55	07:59	CaPeak.c/s=20 Wavelength=1375A	Qual= 4	FePeak=07:57 Exp #=85981	FePeak.c/s=6 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=10" Step=10"	dt= 7.7s X Cad= 590s 1 Pitch=-277",	xEn=907505 1.024s/pixel ",Yaw=-769"
Event 89/03/	Event # = 22595 89/03/16,08:05 Start	DOY=75 Peak	End times		30-1-0					
GOES BCS FCS UVSP	08:01	08:05	08:13	CaPeak.c/s=31	Qual= 1	FePeak=08:07	FePeak.c/s=9 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s X Cad= 590s 1 Pitch=-273",	xEN=907506 1.024s/pixel ",Yaw=-766"
Event 89/03/	Event # = 22596 89/03/16,08:54 Start	5 D0Y=75 Peak	End times							
GOES BCS FCS	08:51	08:54	09:45	CaPeak.c/s=82	Qual=00 Qual= 4		FePeak.c/s=13 Rast=240"x240"	#Peaks=1 Step=10"	dt= 3.8s Cad= 590s	XEN=907507 1.024s/pixel
UVSP	08:52			Wavelength=1375A	-	Exp #=85984	Rast=265"x265"			", Yaw=-/32"

10:41 11:20 10:41:55 10:41 11:20 10:41 11:20 10:41 11:20 10:41 11:20 10:41 11:20 10:41 11:20 11:03:28		Event # = 10916 89/03/16,10:41 DOY=75 Start Peak	Fnd times	SMM Pointing:	N33W46		Pitch=-357", Ya	, Yaw=-748", Rol	, Roll=-20deg	H.Ang=59deg
Wavelength=2788A   Exp #=85991   Rast=240"x240"   Step=0"   Pitch=-219", Yaw=-571"   Step=0"   Pitch=-219", Yaw=-574"   Step=0"   Pitch=-219", Yaw=-574"   Pitch=-219", Yaw=-574"   Petch=-215", Yaw=-574"   Petc		10:41:04 10:41	10:42:55 11:20	Peakc/s=73 CaPeak.c/s=23	Qual=01 Qual=01 Qual= 1		MaxkeV=187 FePeak.c/s=51			XEN=907520
SMM   Pointing   N33W46   Pitch=-357", Yaw=-748", Roll=-20deg   H.Ang=59deg   Wavelength=2788A   Qual=01   Tot Cts=142   MaxkeV=102   Rast=180"x1"   Step=0"   Pitch=-219", Yaw=-571"   Exp #=85991   Rast=180"x1"   Step=0"   Pitch=-219", Yaw=-571"   Exp #=85992   Rast=180"x1"   Step=0"   Pitch=-219", Yaw=-574"   Rast	Ú'	Type/; y(MHz)/i		Wavelength=2788/ V/2 245/1400 410/620	∢ 0	#=8599	Kast=240"x240" Rast=180"x1"		_	1.024s/pixel ',Yaw=-571"
Peakc/s=42 Qual=01		DOY=75 Peak	End times	Pointing	N33W46		Pitch=-357", Yaw	4=-748", Rol	1=-20deg	H.Ang=59deg
SHM   Pointing   N3346				Peakc/s=42 Wavelength=2788A		Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-219'	, Yaw=-57I
Peakc/s=43		DOY=75 Peak		Pointing	N33W46		Pitch=-357", Yav	#=-748", Rol	1=-20deg	H.Ang=59deg
SMM Pointing: N33W46		11:09:55 Type/I		Peakc/s=43 Wavelength=2788A III/1	Qual=00 Qual=01	Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-219"	, Үам=-571
HaClass=28 N32W65 AR5395 Mac.=FKC Carr.Lon.=272deg H.Ang=73deg PeakC/s=90 Qual=01 Tot Cts=1382 MaxkeV=187 Step=0" Pitch=-219", Yaw=-571"  Rayelength=2788A  SMM Pointing: N33W47  Falson CaPeak.c/s=11 #Peaks=1 dt= 7.75 XEN=907508  HaClass=5F N29W55 AR5395 Mac.=FKC Carr.Lon.=261deg H.Ang=6deg  HaClass=5F N29W55 AR5395 Mac.=FKC Carr.Lon.=261deg H.Ang=6deg  HaClass=5F N29W5 FePeak.c/s=35 #Peaks=1 dt= 7.75 XEN=907509  HaClass=5F N29W5 AR5395 Mac.=FKC Carr.Lon.=261deg H.Ang=6deg  Rayelength=2788A Exp #=85993 RaxeV=102  CaPeak.c/s=152 Qual=01 Tot Cts=996 MaxkeV=102  CaPeak.c/s=152 Qual=01 Tot Cts=996 RaxeV=102  Havelength=2788A Exp #=85993 Raxel80"x1" Step=0" Pitch=-215", Yaw=-578"  Havelength=2788A Exp #=85993 Raxel80"x1" Step=0" Pitch=-215", Yaw=-578"  Havelength=2788A Exp #=85993 Raxel80"x1" Step=0" Pitch=-217", Yaw=-574"	1 0 4	00Y=75	1	Pointing	N33W46		Pitch=-357", Yaw	/=-748", Rol	I=-20deg	H.Ang=59deg
Peakc/s=90 Qual=01				:	N32W65	AR5395	Mac.=FKC	Carr.Lon.	=272deg	H.Ang=73deg
CaPeak.c/s=22 Qual=00  CaPeak.c/s=11 #Peaks=1 dt=7.7s XEN=907508  Rast=240"x240" Step=10" Cad=590s 1.024s/pixel  Rast=240"x240" Step=10" Cad=590s 1.024s/pixel  Rast=180"x1" Step=10" Cad=590s 1.024s/pixel  Rast=180"x1" Step=10" Cad=590s 1.024s/pixel  Rast=180"x1" Step=10" Cad=590s 1.024s/pixel  Rast=240"x240" Step=10" Cad=590s 1.024s/pixel  Rast=240"x240" Step=10" Cad=590s 1.024s/pixel  Rast=240"x240" Step=10" Cad=590s 1.024s/pixel  Rast=240"x240" Step=10" Cad=590s 1.024s/pixel  Rast=180"x1" Step=0" Pitch=-217", Yaw=-578"  Rast=240"x240" Step=10" Cad=590s 1.024s/pixel  Rast=240"x240" Step=10" Cad=590s 1.024s/pixel  Rast=180"x1" Step=0" Pitch=-215", Yaw=-578"  Rast=180"x1" Step=0" Pitch=-217", Yaw=-574"	٠.	1:15:54 (MHz)/F		Peakc/s=90 Wavelength=2788A 8800/91 15400/20	Qual=01	Tot Cts=1382 Exp #=85991	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch≈-219"	, Yaw=-571
CaPeak.c/s=22 Qual= 4 FePeak=12:03 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=907508 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel Rast=180"x1" Step=0" pitch=-217", yaw=-574" SMM Pointing: N33W47 Pitch=-351", yaw=-759", Roll=-20deg H.Ang=60deg HaClass=SF N29W55 AR5395 Mac.=FKC Carr.Lon.=261deg H.Ang=6deg HaClass=SF Qual=01 Tot Cts=996 MaxkeV=102 CaPeak.c/s=152 Qual= 1 FePeak=12:25 FePeak.c/s=35 #Peaks=1 dt= 7.7s XEN=907509 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel Rast=240"x240" Step=0" Pitch=-215", yaw=-578"		0Y=75 eak	End times							
SMM Pointing: N33W47	H	5:09	12:12	CaPeak.c/s=22	Qual=00 Qual= 4	FePeak=12:03	FePeak.c/s=11		dt= 7.7s	XEN=907508
SMM Pointing: N33W47  HaClass=SF N29W55 AR5395 Mac.=FKC Carr.Lon.=261deg H.Ang=60deg  Deakc/s=67 Qual=01 Tot Cts=996 MaxkeV=102  CaPeak.c/s=152 Qual= 1 FePeak=12:25 FePeak.c/s=35 #Peaks=1 dt= 7.7s XEN=907509  Wavelength=2788A Exp #=85993 Rast=180"x1" Step=0" Pitch=-215", Yaw=-578"  Associated Event # = 10921  G Peakc/s=59 Qual=01 Tot Cts=811 MaxkeV=102  Rast=180"x1" Step=0" Pitch=-215", Yaw=-574"				Wavelength≈2788A			Kast=240"x240" Rast=180"x1"		Cad= 590s Pitch=-217"	1.024s/pixel ,Yaw=-574"
HaClass=SF N29W55 AR5395 Mac.=FKC Carr.Lon.=261deg H.Ang=64deg Importance=C6 Qual=01 Tot Cts=996 MaxkeV=102 APEaks=1 dt= 7.75 XEN=907509 CaPeak.c/s=152 Qual= 1 FePeak=12:25 FePeak.c/s=35 #Peaks=1 dt= 7.75 XEN=907509 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel Maxelength=2788A Exp #=85993 Rast=180"x1" Step=0" Pitch=-215", Yaw=-574" 6 Peakc/s=59 Qual=01 Tot Cts=811 MaxkeV=102 Step=0" Pitch=-217", Yaw=-574"	ے م	0Y=75 eak	End times	Pointing	N33W47		Pitch=-351", Yaw	=-759", Roll	=-20deg	H. Ang=60deg
O Peakc/s=67 Qual= 0 Tot Cts=996 MaxkeV=102	. 7	2:26	12:28	HaClass=SF Importance=C6	N29W55	AR5395	Mac.=FKC	Carr.Lon.=	261deg	H. Ang=64deg
Mavelength=2788A Exp #=85993 Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel  Associated Event #= 10921	====	2:24:18 2:25	12:25:30 12:30	Peakc/s=67 CaPeak.c/s=152	Qual=01 Qual= 1	Tot Cts=996 FePeak=12:25	MaxkeV=102 FePeak.c/s=35			XEN=907509
6 Peakc/s=59 Qual=01 Tot Cts=811 MaxkeV=102			,	ength=278		Exp #=85993	Rast=240"x240" Rast=180"x1"			1.024s/pixel ,Yaw=-578"
	***	2:18:30	9	c/s=59 ength=2780	Qual=01	Event # = 10921 Tot Cts=811 Exp #=85992	MaxkeV=102 Rast=180"x1"	) 1	Pitch=-217"	ı ı

89/03/16,12:51 60ES Start BCS 12:45 FCS 12:48	DOY=75 Peak 12:51	End times 12:53 (	CaPeak.c/s=29 Wavelength=2788A	Qual=00 Qual= 1	FePeak=12:51 F Exp #=85993 F	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s XI Cad= 590s 1 Pitch=-215",	XEN=907510 1.024s/pixel ", Yaw=-578"
Event # = 225,99 89/03/16,13:36 Start GOES BCS 13:35 FCS UVSP 13:22	DOY=75 Peak 13:36	End times 13:49	CaPeak.c/s=19 Wavelength=2788A	Qual=00 Qual= 4	FePeak=13:44 Exp #=85994	FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-214",	XEN=907511 1.024s/pixel ",Yaw=-580"
: # = 22600 \$/16,14:22 \$tart 14:20 14:22	DOY=75 Peak 14:22	End times 14:26	CaPeak.c/s=23 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=14:21 Exp #=85995	FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 590s 1 Pitch=-212",	XEN=907512 1.024s/pixel ",Yaw=-584"
Event # = 10923 89/03/16,15:27 Start Optical	DOY=75 Peak	End times	SMM Pointing: S HaClass=2B HaClass=SF	N33W48 N36W47 N18W64	AR5395 AR5405	Pitch=-346",Yaw= Mac.=FKC	,Yaw=-769",Roll=-20de Carr.Lon.=252deg Carr.Lon.=269deg	<b>5</b> 0	H.Ang=61deg H.Ang=62deg H.Ang=68deg
15:22 15:22:37 15:23:00 15:16	15:27 15:25:09 15:29	17:17 16:51:37 15:32:00 15:59	Importance=X4 Qual=03 Peakc/s=160100Qual=11 CaPeak.c/s=7661 Qual= 1	Qual=03 OQual=11 Qual= 1	Tot Cts=1.77E+7 FePeak=15:26	MaxkeV=857 >10MeV=Y FePeak.c/s=8200	Flags=M5, IN, IS #Peaks=1 dt= Step=10" Cad=	IN, IS dt= 3.8s Cad= 590s	Flags=M5, IN, IS Dur=540sec 00 #Peaks=1 dt= 3.8s XEN=907513 1.024s/pixel
15:54 Frequenc 16:37 16:44	cy (MHz)/F  16:40	15:54 Frequency(MHz)/Flux(sfu): 	Wavelength=2788A 245/8100 410/200 	0 606/140 0 ssociated Qual= 4	Wavelength=2788A Exp #=85997 245/8100 410/2000 606/1400 1415/3900 2695/ Associated Event # = 22601 CaPeak.c/s=219 Qual= 4 FePeak=16:41 Wavelength=2788A Exp #=85999	Rast=180"x1" 9300 4995/200  FePeak.c/s=17 Rast=240"x240 Rast=243"x243	Step=0" 8800/31000 #Peaks=1 Step=10" Step=3"	Pitch=-208", 0 15400/34000 dt= 3.8s ) Cad= 590s Pitch=-333"	, Yaw=-591" 00 XEN=907514 1.024s/pixel ', Yaw=-767"
Event # = 10933 89/03/16,17:59 Start Optical GOES 17:52 HXRBS 18:37:57 BCS 18:10 FCS 18:13 Radio Sweeps	000 Pe 17 18 18	End times 18:52 18:38:45 18:44	SMM Pointing: HaClass=1N Importance=M2 Peakc/s=196 CaPeak.c/s=239 Wavelength=1375A	N33W49 N31W55 Qual=05 Qual=01 Qual= 5	AR5395 Tot Cts=1562 FePeak=18:11 Exp #=86000	Pitch=-341", Yaw Mac.=FKC MaxkeV=187 FePeak.c/s=26 Rast=240"x240" Rast=265"x265"	=-779" Carr. #Peak Step= Step=	,Roll=-20deg H Lon.=258deg H s=1 dt= 3.8s X 10" Cad= 590s 1 5" Pltch=-330",	H.Ang=62deg H.Ang=65deg XEN=907515 1.024s/pixel ", Yaw=-773"

H.Ang≈63deg	H.Ang=65deg H.Ang=72deg	XEN=907516	1.024s/pixel		H.Ang=68deg	XEN=907517	", Yaw=-819"	H.Ang=64deg	", Yaw=-829"		figure of the stat	<pre>AEN=90/518 1.024s/pixel ", Yaw=-821"</pre>	H.Ang=64deg	Yaw=-821"	H. Ang=64deg	, Yaw=-821"
, Roll=-20deg	Carr.Lon.=257deg Carr.Lon.=264deg		Cad= 590s 1 Pitch=-336",		Carr.Lon.≖262deg	dt= 7.7s Cad= 26c		, Roll=-20deg	Pitch=-307"	]]=_20dea	06, ND	Step=10" Cad= 590s Step=10" Pitch=-321"	, Roll=-20deg	Pitch=-321"	]=-20deg	D Pitch=-321",Yaw=-821"
, Yaw=-789", Rc	Carr.Lor Carr.Lor				Carr.Lon	#Peaks=2 Sten=0"	Step=10"	, Yaw=-800", Ro	Flags=I Step=10"		Flags=I,[	Step=10" Step=10"	, Yaw=-800", Ro]	Flags=I Step=10"	, Yaw=-800", Roll=-20deg	Flags=I,ND Step=10" F
Pitch=-335", Ya	Mac.=FKC	MaxkeV=187 FePeak.c/s=39	Rast=240"x240" Rast=30"x30"		Mac.=FKC	FePeak.c/s=82 Rast=0"x0"	Rast=30"x30"	Pitch=-330", Ya	MaxkeV=102 Rast=30"x30"	Pitch=-330" Yaw=-800" Boll=-20dem	MaxkeV=144 FeDeal C/c=74	Rast=240"x240" Rast=30"x30"	Pitch=-330", Yaw	MaxkeV=102 Rast=30"x30"	Pitch=-330", Yaw	MaxkeV=102 Rast=30"x30"
	AR5395 AR5395	Tot Cts=2983 FePeak=19:44	Exp #=86006		AR5395	eak=21:	Exp #=86013		Tot Cts=177 Exp #=86023		Tot Cts=12225 FePeak=23:18	Exp #=86025		Tot Cts=175 Exp #=86025		Tot Cts=322 Exp #=86025
N33W51	N31W55 N35W62	Qual=03 Qual=01 Qual= 5	\ Code=01		N29W60		Code=01	N33W52	Qual=00 Qual=01	N33W52	Qual=01 Qual=11 Qual= 1		N33W52	Qual=00 Qual=01	N33W52	Qual=00 Qual=01
SMM Pointing:	HaClass=1N Code=BSL Importance=M7	Peakc/s=48 CaPeak.c/s=612	Wavelength=1375A	The state of the s	HaClass=1B Importance=X1	CaPeak.c/s=1466 Peak3c/s=-1	#avelengtn=13/5A	SMM Pointing:	Peakc/s=85 Wavelength=1375A	SMM Pointing:	Importance=C8 Peakc/s=254 CaPeak.c/s=311	Wavelength=1375A III/2	SMM Pointing:	Peakc/s=55 Wavelength=1375A	SMM Pointing:	Peakc/s=54 Wavelength=1375A III/2
End times	20:35	20:20		End times	75	: 56		End times	23:04:14		End times 23:25 23:19:06 23:37	Type/Intensity:	End times	26:01	End times	28:18 sity:
9 D0Y=75 Peak		19:55:43 19:45		3 D0Y=75 Peak	20:45	21:16		D0Y=75 Peak	23:04:03	D0Y=75	23:19 23:16:30 23:16:30	Type/Ir	DOY=75 Peak	23:25:48	DOY=75 Peak	53
Event # = 10939 89/03/16,19:19 Start	_ 18:54	19:48:00	19:00	: # = 22603 1/16,20:45 _Start	al 20:37	21:17	70.02	Event # = 111/9 89/03/16,23:04 Start	23:03:58 22:57	# = 11180 /16,23:19	23:14 23:14:23 22:52	23:18 Sweeps	Event # = 11181 89/03/16,23:25 Start	23:25:41 23:18	# = 11182 16,23:28 Start	23:27:55 23:18 Sweeps
Event 89/03	Optical Optical GOES	HXRBS BCS FCS	UVSP			SSS		89/03,	GOES HXRBS UVSP	Event 89/03/	GOES HXRBS BCS	UVSP Radio	Event 89/03/	GOES HXRBS UVSP		GOES HXRBS UVSP Radio

					89/03/17	D0Y=76				
Event # = 11183 89/03/17,01:05	11183 1:05	D0Y=76		SMM Pointing:	N33W53		Pitch=-323", Yaw=	, Yaw=-811", Roll	, Roll=-20deg	H.Ang=65deg
GOES HXRBS 01: BCS 01:	Start   01:03:54 (01:04	Peak 01:03:59 01:05	End times 01:04:40 01:17	Peakc/s=60 ( CaPeak.c/s=45	Qual=00 Qual=01 Qual= 1	Tot Cts=458 FePeak=01:05	MaxkeV=102 FePeak.c/s=10 Rast=240"x240"	Flags=I #Peaks=1 Step=10"	dt= 3.8s Cad= 590s	XEN=907600 1.024s/pixel
FCS UVSP 00:56	26			Wavelength≖1375A		Exp #=86034	Rast=10"x10"	Step=0"	Pitch=-29/"	, Yaw=-842
Event # = 10941 89/03/17 01:57		D0Y=76		SMM Pointing:	N33W53		Pitch=-323",Yaw	, Yaw=-811", Roll	, Roll≖-20deg	H.Ang=65deg
Ontical		Peak	End times	.Class=SF	N27W57	AR5395	Mac.=FKC	Carr.Lon.=256deg	:256deg	H.Ang=65deg
GOES 01: HXRBS 01: BCS 01:	01:55 01:56:05 01:57	01:57 01:56:44 01:58	02:01 4 01:58:27 02:13	ortance=C8 kc/s=146 eak.c/s=298	Qual=01 Qual=02 Qual= 1	Tot Cts=3359 FePeak=01:58	MaxkeV=187 FePeak.c/s=83	Flags=SN #Peaks=1 Step=20"	dt= 3.8s X Cad=41.5s 0	XEN=907601 0.512s/pixel
FCS UVSP 01:	01:59			Wavelength=1375A	Code=02	Exp #=86037	Rast=265"x265"	Step=5"	Pitch=-312	", Yaw=-804"
Event $# = 10943$	10943	9V=76		SMM Pointing:	N33W53		Pitch=-323",Yaw	, Yaw=-811", Roll=-20deg	=-20deg	H.Ang=65deg
Optical St	art	Peak	End times	HaClass=3N	N31W72 N16W09	AR5395 AR5407	Mac.=FKC	Carr.Lon.=270deg Carr.Lon.=207deg	=270deg =207deg	H.Ang=79deg H.Ang=25deg
GOES 02 HXRBS 02	:14 :33:22 :43	02:47 02:45:1	02:14 02:47 03:53 5 02:33:22 02:45:17 02:52:54 02:43	ortance=M3 cc/s=3081 elength=1375A	Qual=03 Qual=03 Code=00	Tot Cts=1.39E+5 Exp #=86045	MaxkeV*468 Rast=10"x10"	Flags=EN Step=0"	Pitch=-303	Pitch=-303",Yaw=-844"
υ,	eps	Type/ cy (MHz)/	·· ··	1/1 3/850 606/750	1415/130	2695/240 4995/21	10 8800/110 15400	1	1 1 1	1 1 1 1
	:15:40 :03 requen	02:16:0 cy(MHz)/		Peakc/s=153 Wavelength=1375A 410/250 606/630 1	Associateu Qual=01 5A 0 1415/30 26	Evenu # - 1034 Tot Cts=3510 Exp #=86039 .695/49 4995/37 8	Associated Event 10342 Qual=01 Tot Cts=3510 MaxkeV=231 A Exp #=86039 Rast=10"x10" Sto 1415/30 2695/49 4995/37 8800/37	Step=0"	Pitch=-225	Pitch=-225",Yaw=-851"
Event # = 10944 89/03/17,03:33	. 10944 03:33	D0Y=76	-	SMM Pointing:	N33W55		Pitch=-316",Yaw	, Yaw=-823", Rol	,Roll≖-20deg	H.Ang=66deg
	Start 03:30:52 03:30	Peak 03:31:44 03:33	End times 14 03:34:54 04:02	Peakc/s=1320 Capeak.c/s=499	Qual=00 Qual=01 Qual= 1	Tot Cts=25083 FePeak=03:33	MaxkeV=468 FePeak.c/s=104 Rast=240"x240"	Flags=M5 #Peaks=1 Step=10"	dt= 3.8s X Cad= 590s 1	XEN=907603 1.024s/pixel
FCS UVSP 03 Radio Swe	03:33 Sweeps	Type/	03:33 Type/Intensity: Weeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Waveleng III/3 1415/35	4995/150	th=1375A Exp #=86046 2695/90 4995/150 8800/250 15400/8	Rast=265"X265" 84			9", Yaw=-810"
•	3:35:42 3:36 Frequer	2 03:37: ncy (MHz),	03:35:42 03:37:18 03:38:51 03:36 Frequency(MHz)/Flux(sfu):	Peak Waveleng 8800/120	Associated Qual=01 5A /170	<pre>1 Event # = 10945 Tot Cts=3742 Exp #=86048</pre>	MaxkeV=231 Rast=10"x10"	Step=0"	Pitch=-322"	2", Yaw=-837"

89/03/17,04:02 Start	DOY=76 Peak	End times							
04:02	04:02	04:07	CaPeak.c/s=23	Qua]=00 Qua]= 5	FePeak=04:04	FePeak.c/s=5	#Peake=1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	YEN-007604
04:02			Wavelength=1375A		Exp #=86051	Rast=240"x240" Rast=150"x150"		Cad= 590s Pitch=-311	1.024s/pixel ",Yaw=-839"
Event # = 22606 89/03/17,04:24 Start	00Y=76 Peak	End times							
04:22	04:24	04:24	CaPeak.c/s=27	Qual=00 Qual= 1	FePeak=04:24	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=907605
04:16			Wavelength=1375A		Exp #=86054	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s 1 Pitch=-290",	1.024s/pixel ", Yaw=-849"
Event # = 10934 89/03/17,05:16 Start	DOY=76 Peak	End times	SMM Pointing:	N33W55		Pitch=-316", Yav	, Yaw=-823", Rol	, Roll=-20deg	H.Ang=66deg
05:16:06 05:10	05:16:34	05:16:54	Peakc/s=45 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=326 Exp #=86057	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-298"	", Yaw≃-848"
Event # = 10935 89/03/17,05:32 Start	DOY=76 Peak	Fnd times	SMM Pointing:	N33W55		Pitch=-316", Yaw	, Yaw=-823", Roll	, Roll=-20deg	H.Ang=66deg
05:31	05:32	05:35	HaClass=SF Importance=C7	N27₩60	AR5395	Mac.=FKC	Carr.Lon.=257deg	257deg	H.Ang=67deg
HXRBS 05:30:04 BCS 05:21 FCS	05:30:43 05:33	05:33:26 05:39	Peakc/s=245 CaPeak.c/s=179	Qual=01 Qual= 1	Tot Cts=10769 FePeak=05:32	MaxkeV=231 FePeak.c/s=43	#Peaks=2	dt= 3.8s	XEN=907606
05:23 Weeps Frequence	05:23 Sweeps Type/Intensity Fraguency(MM2)/51(c.f.)		Wavelength=1375A III/3	Code=00		Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s 1 Pitch=-288",	1.024s/pixel ", Yaw=-858"
110000	-3 (rm2)/r	. 1	7032/31 4995/120	8800/190	15400/81				
Event # = 10936 89/03/17,05:44 Start	D0Y=76 Peak	End times	SMM Pointing:	N33W55		Pitch=-316", Yaw	, Yaw=-823", Roll	, Roll=-20deg	H.Ang=66deg
05:43:03 05:43	05:43:22 05:44	05:44:00 05:53	Peakc/s=41 CaPeak.c/s=51	Qual=01 Qual=01 Qual= 1	Tot Cts=359 FePeak=05:44	MaxkeV=102 FePeak.c/s=14		dt= 7.7s	XEN=907607
05:37			Wavelength=1375A		Exp #=86061	Rast=240"x240" Rast=10"x10"	Step=10" Step=0"	Cad= 590s 1 Pitch=-298",	1.024s/pixel, Yaw=-850"
= 10937 7,05:59 start	DOY=76 Peak	End times		N33W55		Pitch=-316", Yaw	, Yaw=-823", Roll:	, Roll=-20deg	H. Ang=66deg
5:55	05:59	06:01	HaClass=1N Importance=C8	N34W59 Qual=01	AR5395	Mac.=FKC	Carr.Lon.=256deg	256deg	H. Ang=69deg
)5:56:49 )5:57	05:57:26 05:58	05:58:24 05:58		0ua]≖01 0ua]= 2	Tot Cts=9366 FePeak=05:58			It= 7.7s	XEN=907608
UVSP 05:50 Radio Frequency	15:50 Frequency (MU2) / 51.1.5 ( c.f)		Wavelength=1375A	A Code=00	Exp #=86063	Rast=240"x240" Rast=10"x10"	Step=10" ( Step=0" F	Cad= 590s Pitch=-307"	1.024s/pixel

Event 89/03/	Event # = 10938 89/03/17,07:19	D0Y=76		SMM Pointing:	N33W57		Pitch=-309", Yaw=-834", Roll=-20deg	834", Roll	=-20deg	H.Ang=67deg
Optica	Start I	Peak	nd times	Class=28	N32W59	AR5395	Mac.=FKC	Carr.Lon.=255deg	.255deg	H.Ang≖68deg
GOES HXRBS	07:14 07:19 0 07:14:58 07:16:39 0	07:19 07:16:39	8:32 7:31:54	8	Qual=03 Qual=03	Tot Cts=6.12E+5	MaxkeV=857	Flags=EN		Dur=120sec
gRS BCS	07:16:00 07:15	07:18	7:18:00 7:31	CaPeak.c/s=4770	Qual= 1	FePeak=07:18	FePeak.c/s=2567		dt= 3.8s	XEN=907609
FCS UVSP Radio		cy (MHz) / F	07:05 Frequency(MHz)/Flux(sfu): 2	Wavelength=1375A 245/100 410/360 6	Code=00 506/300 14	ength=1375A Code=00 Exp #=86068 00 410/360 606/300 1415/290 2695/630	Rast=13 A13 Step=10" Rast=30"x30" Step=10" 8800/1700 15400/1800		Pitch=-219"	, Yaw=-870"
Event 89/03/	Event # = 10940 89/03/17,08:11	D0Y=76	1	SMM Pointing:	N33W57		Pitch=-309", Yaw	, Yaw=-834", Roll=-20deg	=-20deg	H.Ang=67deg
Optica	Start 1	Peak	End times	HaClass=1F	N26W62	AR5395	Mac.=FKC	Carr.Lon.=257deg	-257deg	H.Ang=69deg
GOES HXRBS BCS	08:08:13 08:10	08:08:57 08:11	08:11:23 08:41	Peakc/s=134 CaPeak.c/s=288	Qual=02 Qual= 4	Tot Cts=3037 FePeak=08:10	MaxkeV=102 FePeak.c/s=61	Flags=SN, #Peaks=1 Step=20"	FS dt= 3.85 XI	XEN=907610
FCS UVSP Radio		cy(MHz)/!	08:12 Frequency(MHz)/Flux(sfu): 3	Wavelength=1375A 245/210 410/80		Exp #=86071	Rast=265"x265"	Step=5"	Pitch=-299'	, Yaw=-827"
Event 89/03/	Event # = 22607 89/03/17,08:51 Start	DOY=76 Peak	End times		00-10-10					
BCS BCS	08:45	08:51	09:01	CaPeak.c/s=32	Qual= 1	FePeak=08:54	FePeak.c/s=8 Rast=240"x240"	#Peaks=1 Step=10"	dt= 7.7s Cad= 590s	dt= 7.7s XEN=907611 Cad= 590s 1.024s/pixel
UVSP Radio Radio	08:37 Sweeps Frequen	Type/ cy(MHz)//	08:37 Type/Intensity: Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Wavelength=1375A III/3 1415/230		Exp #=86075	Rast=30"x30"		Pitch=-231	', Yaw=-865"
Event 89/03/	Event # = 22608 89/03/17,09:44 Start	3 D0Y=76 Peak	End times							
GOES BCS	09:43	09:44	09:58	CaPeak.c/s=28	Qual=00 Qual= 4	FePeak=09:45	FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=907612 1 024s/nixel
FCS UVSP	09:46			Wavelength=1375A		Exp #=86078	Rast=265"x265"		Pitch=-296	", Yaw=-832"
Event 89/03/	Event # = 22609 89/03/17,10:33 Start	) D0Y=76 Peak	End times							
GOES BCS	10:16	10:33	10:38	CaPeak.c/s=51	Qual=00 Qual= 1	FePeak=10:33	FePeak.c/s=14	#Peaks=3	dt= 3.8s X	XEN=907613 1.024s/pixel
FCS UVSP	10:34			Wavelength=2788A		Exp #=86083	Rast=180"x1"		- 1	", Yaw=-662"

11:13   12:15	Event # = 10946 89/03/17,11:13	9/=76	-	SMM Pointing:	N33W58		Pitch=-304", Yaw	, Yaw=-845", Rol	, Roll≃-20deg	H. Ang=68deg
	_	reak	mes mes	HaClass=2N	N32W59	AR5395	Mac.=FKC	Carr.Lon.	=253deg	H.Ang=68deg
Wavelength=2788A Code=00 Exp #=86084   Rast=180"x1"   Step=0" Pitch=-160	11:14:36 11:17	11:14:5 11:17 11:28	11:26:41 11:51 11:51	Importance=m4 Peakc/s=81 CaPeak.c/s=1714 Peak3c/s=15	Qual=02 Qual=02 Qual= 5	Tot Cts=9695 FePeak=11:17	MaxkeV=102 FePeak.c/s=408 Dast=240"<240"	Flags=M5, #Peaks=1 C+en=1E"	SN dt= 3.8s	XEN=907614
11:58:05   11:58:18	11:09			Wavelength=2788A	Code=00		Rast=180"x1"		cau= 2023 Pitch=-166	1.0245/plxel
11:58:18   Peakc/s=126   Qual=00   Tot (ts=909   Maxkev=144   Type/Intensity:   Vavelength=2788A   Exp #=86085   Rast=180"x1"   Step=0" Pitch=-164", Vaw=-668"   Vavelength=2788A   Exp #=86085   Rast=180"x1"   Step=0" Pitch=-164", Vaw=-668"   Vavelength=2788A   Capeak.c/s=89   Qual=0  Tot (ts=412   Peak=120:01   Peak.c/s=89   Qual=0  Tot (ts=412   Peak=120:01   Peak.c/s=89   Qual=0  Tot (ts=412   Peak=120:01   Peak.c/s=30   Qual=0  Tot (ts=412   Peak=120:01   Step=0" Pitch=-164", Vaw=-668"   Pitch=-201", Vaw=-869"   Pitch=-164", Vaw=-668"   Pitch=-164", Vaw=-66	# = 10947 17,11:58 Start	DOY=76 Peak	End times	SMM Pointing:	N33W58		Pitch=-304", Yaw	=-845", Rol	1=-20deg	H.Ang=68deg
Type/Intensity: V72 VMH2)/Flux(sfu): 245/170  D0V=76  End times  SMH Pointing: N33W58  Pitch=-304", Yaw=-845", Roll=-20deg H.Ang=68deg Peak  Pitch=-304", Yaw=-845", Roll=-20deg H.Ang=68deg Pitch=-304", Yaw=-845", Roll=-20deg H.Ang=68deg  Pitch=-304", Yaw=-845", Roll=-20deg H.Ang=68deg  Pitch=-304", Yaw=-845", Roll=-20deg H.Ang=68deg  Pitch=-304", Yaw=-845", Roll=-20deg H.Ang=68deg  Pitch=-304", Yaw=-845", Roll=-20deg H.Ang=68deg  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=240", Z49", Z49"  Rast=180", Z1"  Rast=180", Z1"  Rast=240", Z49", Z49"  Rast=180", Z1"  Rast=240", Z49", Z49"  Rast=180", Z1"  Rast=240", Z49", Z49"  Rast=240", Z49"  Rast=240", Z49", Z49"  Rast=240", Z40", Z40"  Rast=240", Z4	11:57:22		11:58:18	Peakc/s=126	Qual=00 Qual=01	Tot Cts=909	MaxkeV=144	: :	-	;
DOY=76    Pitch=-304", Yaw=-845", Roll=-20deg	Sweeps Frequen	Type/I cy (MHz)/F		7/2 1/2 245/170		Exp #=00005	KdSt=180"X1"	Step=U"	P1tcn=-164	, Yaw=-668"
12:01:05   12:01:21   12:01:51   PeakC/s=52   Qual=01   Ot Cts=412   Peak.c/s=21   Peak.c/s=89   Qual=01   Ot Cts=412   Peak.c/s=11   Peak.c/s=89   Qual=01   Ot Cts=412   Peak.c/s=11   Peak.c/s=11   Ot=201   Peak.c/s=11   Peak.c/s=11   Ot=201   Peak.c/s=11   Peak.c/s=11   Ot=201   Peak.c/s=12   Ot=201   Ot=201   Peak.c/s=12   Ot=201   Ot=201   Peak.c/s=12   Ot=201   O	# = 10948 17,12:02 Start	DOY=76 Peak	End times	Pointing:	N33W58		Pitch=-304", Yaw	=-845", Rol	1=-20deg	H.Ang=68deg
12:08	0.2	12:01:21 12:02	12:01:51 12:12	c/s=52 ak.c/s=89	Qual=00 Qual=01 Qual= 4	Tot Cts=412 FePeak=12:01	MaxkeV=102 FePeak.c/s=21	#Peaks=2	dt= 7.7s	XEN=907615
7. 14:44	12:08 Sweeps	Type/I		Wavelength=2788A III/3		Exp #=86085	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-164'	1.024s/pixel ,Yaw=-668"
14:24	# = 22610 17,14:44 Start	00Y=76 Peak					# D D			
16:15   16:15   16:25   16:14   16:26   Capeak.c/s=128   Qual=01   Tot Cts=1454   Peak.c/s=34   Peaks=2   Gal=262s   Pitch=-291", Yaw=-865", Roll=-20deg   H.Ang=71deg	14:24 14:15	14:44 14:42		CaPeak.c/s=30 Peak3c/s=11 Wavelength=2788A	Qua]=00 Qua]= 4	eak=14:43 #=86088	FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	#Peaks=2 Step=15" Step=0"		XEN=907616 1.024s/pixel ,Yaw=-674"
16:11   16:15   16:25   Importance=C4   Qual=O3   Tot Cts=1454   MaxkeV=102   FePeak.c/s=101   Qual=O1   Tot Cts=1454   MaxkeV=102   FePeak.c/s=128   Qual=O1   Tot Cts=1454   FePeak.c/s=34	# = 10949 17,16:15 Start	DOY=76 Peak	End times	Pointing	N33W62		Pitch=-291", Yaw	=-865", Roll		H.Ang=71deg
16:12:10 16:12:47 16:13:18 Peakc/s=101 Qual=1 FePeak=16:14 FePeak.c/s=34 #Peaks=2 dt= 3.8s XEN=907617 15:59 16:14 16:26 CaPeak.c/s=128 Qual=1 FePeak=16:14 FePeak.c/s=34 #Peaks=2 dt= 3.8s XEN=907617 15:59 16:14 16:26 CaPeak.c/s=128 Qual=1 FePeak=16:14 FePeak.c/s=34 #Peaks=2 dt= 3.8s XEN=907617 15:48 Wavelength=2788A Code=01 Exp #=86090 Rast=180"x1" Step=0" Pitch=-157", Yaw=-679" 16:15:46 16:16:21 16:16:44 Peakc/s=48 Qual=01 Tot Cts=36 Maxkev=102 16:15:46 16:16:21 16:16:44 Peakc/s=42 Qual=01 Tot Cts=317 Maxkev=102 16:18:53 16:19:46 16:20:35 Peakc/s=42 Qual=01 Tot Cts=317 Maxkev=102 16:18:53 16:19:46 16:20:35 Peakc/s=42 Qual=01 Tot Cts=317 Maxkev=102 16:18:53 16:19:46 16:20:35 Peakc/s=681"	16:11	16:15	16:25	HaClass=SF Importance=C4	N34W60	AR5395	Mac.=FKC	Carr.Lon.=	-251deg	H.Ang=70deg
15:48 Wavelength=2788A Code=01 Exp #=86090 Rast=180"x1" Step=15" (2d= 2025 1.0245/p)xel	16:12:10 15:59	16:12:47 16:14	16:13:18 16:26		Qual=01 Qual= 1		MaxkeV=102 FePeak.c/s=34		dt= 3.8s	XEN=907617
5 16:16:21 16:16:44 Peakc/s=48 Qual=01 Tot Cts=366 MaxkeV=102 	15:4		,	avelength=2788	Code=01		Rast=180"x1"		cad= 2628 Pitch=-157"	1.U24s/pıxel ,Yaw≕-679"
16:19:46 16:20:35 Peakc/s=42 Qual=01 Tot Cts=317 MaxkeV=102 Wavelength=2788A Exp #=86091 Rast=180"x1" Step=0" Pitch=-155",Yaw=-681"	16:15:46	16:16:21	:44	eakc/s=48	Qual=01	Tot Cts=366 Fvent # = 10051	•	• • • • • • • • • • • • • • • • • • •	• •	1 1 1 1
	16:18:53 16:47	16:19:46	2	c/s=42 length=2788	Qual=01	Tot Cts=317 Exp #=86091	. =		Pitch=-155"	, Yaw=-681"

= 10952 7,17:44 Start	D0Y=76 Peak	S End times	SMM Pointing: h	N33W62 N33W60	AR5395 AR5395	Pitch=-291",Yaw= Mac.=FKC	,Yaw=-865",Roll= Carr.Lon.=2 Carr.Lon.=3	,Roll=-20deg	H.Ang=71deg H.Ang=70deg H.Ang=70deg
Optical GOES 17:20 17:44 18:56 HXRBS 17:27:40 17:36:06 18:02:20 GRS 17:31:00 17:44:00 UVSP 17:37 Type/Intensity Radio Frequency(MHZ)/Flux(sfu)	17:44 17:36:06 Type/In :y (MHz)/F1	- 00	ence=X7 c/s=132000 ength=2788A IV/3 900 410/760	0001=03 0001=14 0006=00 006/510	Tot Cts=9.62E+7 MaxkeV=857 >10MeV=Y Exp #=86093 Rast=243"x243" 1415/1500 2695/3100 4995/12000	MaxkeV=857 >10MeV=Y Rast=243"x243" 1100 4995/12000 8	S 1	SN, IN, IS, EG Dur=780sec Pitch=-280", Yaw=-856" 15400/23000	Dur≂780sec ,Yaw=-856"
Event # = 11184 89/03/17,19:09 [	00Y=76	yemi+ boa	SMM Pointing:	N33W64		Pitch=-285", Yaw	, Yaw=-876", Roll=-20deg	=-20deg	H.Ang=73deg
GOES HXRBS 19:07:14 BCS 19:03	:29	07:45 37	Peakc/s=71 CaPeak.c/s=209	Qual=00 Qual=01 Qual= 4	Tot Cts≈309 FePeak=19:08	MaxkeV=102 FePeak.c/s=21 Rast=240"x240"	Flags=I #Peaks=1 Step=15"	dt= 3.8s X Cad= 262s_1	XEN=907619 1.024s/pixel
S SP 19:08 Idio Sweeps		Type/Intensity:	Wavelength=1375A V/2		Exp #=86096	Rast=30"x30"	Step=10"	Pitch=-185	, Yaw=-912"
Event # = 10953 89/03/17,20:17	0Y=76		SMM Pointing:	N33W64		Pitch=-285", Yaw	, Yaw=-876", Roll	, Roll=-20deg	H.Ang=73deg
Start P GGES 20:09 2 HXRBS 20:40:26 2 BCS 20:36 2 FCS 20:38	eak 0:17 0:40:44	End times 20:37 20:41:15 20:53	Importance=M1 Peakc/s=89 CaPeak.c/s=117 Peak3c/s=-1 Wavelength=1375A	Qual=05 Qual=01 Qual= 1	Tot Cts=581 FePeak=20:44 Exp #=86101	MaxkeV=187 FePeak.c/s=25 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=-274",	XEN=907620 1.024s/pixel ', Yaw=-864"
Event # = 10954 89/03/17,21:09	D0Y=76		SMM Pointing:	N33W64		Pitch=-285",Yaw	, Yaw=-876", Rol	, Roll=-20deg	H.Ang=73deg
Start Peak End time GOES HXRBS 21:09:20 21:09:4. UVSP 21:03 Radio Frequency(MHz)/Flux(sfu)	Peak 21:09:29 :y(MHz)/F	ω	Peakc/s=274 Wavelength=1375A 245/18000	Qual=00 Qual=01	Tot Cts=965 Exp #=86105	MaxkeV=231 Rast=30"x30"	Step=10"	Pitch=-262"	", Yaw=-903"
Event # = 22611 89/03/17,21:14 Start GOES BCS 21:10 FCS UWSP 21:03	DOY=76 Peak 21:14	End times 21:14	CaPeak.c/s=37 Wavelength=1375A	Qual=00 Qual= 3	FePeak=21:13 Exp #=86105	FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=10"	dt= 7.7s Cad=3840s Pitch=-262"	XEN=907621 3840s/pixe1 ", Yaw=-903"
Event # = 10955 89/03/17,22:29 Start Ontical	DOY=76 Peak	End times	SMM Pointing: HaClass=SF	N33W64 N34W60	AR5395	Pitch=-285", Ya Mac.=FKC	,Yaw=-876",Roll≈-20de Carr.Lon.=248deg	,Roll=-20deg Lon.=248deg	H.Ang=73deg H.Ang=70deg
GOES HXRBS 22:29:03 UVSP 22:15	22:29:06	5 22:29:12	Peakc/s=47 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=39 Exp #=86110	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-16(	Pitch=-160",Yaw=-946"

89/03/17,22:30 Start	DOY=76 Peak	Fnd times	SMM Pointing:	N33W64		Pitch=-285", Ya	, Yaw=-876", Roll=-20deg	11=-20deg	H.Ang=73deg
otical			HaClass=SF	N34W60	AR5395	Mac.=FKC	Carr.Lon.=248deg	.=248dea	H. Ann=70den
HXRBS 22:30:07 UVSP 22:15	22:30:15	22:30:24	Peakc/s=56 Wavelength=1375A	Qua!=00 Qua}=01	Tot Cts=133 Exp #=86110	MaxkeV=102 Rast=30"x30"	Step=10"	Pitch=-160	Pitch=-160", Yaw=-946"
Event # = 10957 89/03/17,22:41 Start	DOY≈76 Peak	End times	SMM Pointing:	N33W64		Pitch=-285", Yaw=-876", Roll=-20deg	IW=-876", Ro	11=-20deg	H.Ang=73deg
Optical GOES			HaClass=SF	N34W60	AR5395	Mac.=FKC	Carr.Lon.=247deg	.=247deg	H.Ang=70deg
HXRBS 22:33:53 BCS 22:31 FCS	22:34:00 22:41	22:34:14 22:54	Peakc/s=73 CaPeak.c/s=63	Qual=01 Qual= 1	Tot Cts=270 FePeak=22:41	MaxkeV=102 FePeak.c/s=12			XEN=907622
SP 22:37			Wavelength=1375A		Exp #=86112	Rast=240"x240" Rast=30"x30"	Step=15" Step=10"	Cad= 262s 1 Pitch=-159",	1.024s/pixel ", Yaw=-947"
Event # = 10958 89/03/17,23:16 Start	D0Y=76 Peak	Fnd + imos	SMM Pointing:	N33W66		Pitch=-276", Yaw=-886", Roll=-20deg	w=-886", Ro]	]=-20deg	H.Ang≈74dea
GOES 23:08 HXRBS 00:03:03 BCS 23:43	23:16 00:03:45 23:44	) 19 14:25 19	Importance=M2 Peakc/s=52 CaPeak.c/s=101	Qual=05 Qual=01 Qual= 5	Tot Cts=299 FePeak=23:44	MaxkeV=102 FePeak.c/s=8	#Peaks=1	dt= 3.85	XEN=907623
•	1	1	75/	Code=01	Exp #=86114 Fvent # = 22612	Rast=240"x2 Rast=30"x30	Ste	Cad Pit	1.024s/pixel ', Yaw=-948"
BCS 00:18 FCS	00:19	00:24	eak.c/s=26	Qual= 4	FePeak=00:19	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=907700
P 00:16			Wavelength=1375A		Exp #=86121	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s 1 Pitch=-286",	1.024s/pixel', Yaw=-896"
nt # = 10959				89/03/18	3 D0Y=77				
9/03/18,01:44 Start	D0Y=77 Peak	End times	SMM Pointing:	N33W66		Pitch=-276", Yaw=-886", Roll=-20deg	v=-886", Rol	1=-20deg	H.Ang=74deg
GOES HXRBS 01:44:26 UVSP 01:35	01:44:31	01:44:46	Peakc/s=40 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=115 Exp #=86128	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-268", Yaw=-904"	, Yaw=-904"
' = 10960 .8,02:11 Start	DOY=77 Peak	End times	SMM Pointing:	N33W66		Pitch=-276", Yaw	, Yaw=-886", Rol	, Roll=-20deg	H.Ang=74deg
02:04	02:11 02:16		.Class=SN .tance=C8	S15E06 Oual=03	AR5403	Mac.=DAI	Carr.Lon.=180deg	=180deg	H.Ang≈10deg
HXRBS 02:03:56 UVSP 02:03 Radio Sweeps	02:05:21 ( Type/Int	o	Peakc/s=557 Wavelength=1375A III/3	Qual=01 Code=00	Tot Cts=15709 Exp #=86132	MaxkeV=231 Rast=10"x10"	Flags=M5 Step=0"	Pitch=-267", Yaw=-905"	, Yaw=-905"
	Frequency(MHz)/Flux(sfu)		245/4400 410/120	506/160 1	4400 410/120 606/160 1415/41 2695/36	4995/26 8800/66	15400/78		

/ent # 9/03/1	t = 10961	D0Y=77	1	SMM Pointing:	N33W70		Pitch=-261", Yaw=-906"	906", Roll	, Roll=-20deg	H.Ang=78deg
OES XRBS CS	Start GOES 09:31 HXRBS 09:32:06 BCS 09:33	Peak 09:35 09:32:29 09:34	End times 09:38 09:33:05 09:56	Importance=C3 Peakc/s=260 CaPeak.c/s=86	Qual=01 Qual=01 Qual= 1	Tot Cts=2687 FePeak=09:33	MaxkeV=231 FePeak.c/s=18 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 262s	XEN=907701 1.024s/pixel
FCS UVSP Radio S Radio	09:28 Sweeps Frequen	9:28 eeps Type/Intens: Frequency(MH2)/Flux(s	ity: fu):	Wavelength=1375A Code=1 111/2 245/460 606/51 1415/42	0	0 Exp #=86160 2695/46 4995/39 88		Step=5"		, Yaw=-923"
·	t # = 22613 3/18,10:47 Start	D0Y=77 Peak	End times		0.00					
BCS FCS UVSP	10:45 11:26	10:47	11:02	CaPeak.c/s=38 Wavelength=2788A	Qual= 1	FePeak=10:47 Exp #=86164	FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-121'	XEN=907702 1.024s/pixel ",Yaw=-727"
Event #89/03/1	t # = 10962 3/18,11:30	77=Y00	And the second	SMM Pointing:	N33W70		Pitch=-261", Yaw	, Yaw=-906", Rol	, Roll=-20deg	H.Ang=78deg
GOES HXRBS UVSP	Start 11:30:38 11:26		End times 7 11:31:33	Peakc/s=67 Wavelength=2788A	Qual=00 Qual=11	Tot Cts=442 Exp #=86164	MaxkeV=144 Rast=180"x1"	Flags=DG Step=0"	Pitch=-121",	", Yaw=-727"
Event 89/03/	it # = 10963 3/18,12:49	DOY=77		SMM Pointing:	N33W70	The state of the s	Pitch=-261", Yaw	, Yaw=-906", Rol	, Roll=-20deg	H.Ang≖78deg
ptica	Start		E E	HaClass=SF	N36W85	AR5395	Mac.=FKC	Carr.Lon.=265deg	=265deg	H.Ang=90deg
GOES HXRBS	12:41	12:49 3 12:42:44	13:01	Importance=C9 Peakc/s=2682	Qual=03 Qual=01	Tot Cts=81817	MaxkeV=320			Dur=120sec
ន្តន		12:48	3	CaPeak.c/s=547	Qual= 1	FePeak=12:48	FePeak.c/s=150 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 262s	XEN=907703 1.024s/pixel
rts UVSP Radio	13:00 Frequer	1cy (MHz)/	uency(MHz)/Flux(sfu):	Wavelength=2788A 8800/560 15400/990	06	Exp #=86166	Rast=180"x1"			9", Yaw=-729"
Event 89/03/	# = 10964 /18,13:58 Start	4 D0Y=77 Peak	End times	SMM Pointing:	N33W73		Pitch=-252", Yaw	, Yaw=-917", Rol	, Roll=-20deg	H.Ang=80deg
GOES HXRBS UVSP	3:58:2	~		Peakc/s=75 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=211 Exp #=86167	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-118"	", Yaw=-730"
Event 89/03/	t # = 22614 3/18,14:30 Start	4 D0Y=77 Peak	End times		0-10-1					
GOES BCS FCS	14:27	14:30	14:37	CaPeak.c/s=90	Qual= 1	FePeak=14:30	FePeak.c/s=24 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 262s	xEN=907704 1.024s/pixel
VSP	14:33			Wavelength=2788A		Exp #=86168	Rast=180"x1"		Pitch=-11	b , Yaw=-/32
:										

89/03/18 15.21 15:32 100-77 End times  89/03/18 15.22 15:16 15:21 15:32 Gabeak.c/s=3 Qual-00 Gas 15:22 Febeak.c/s=10 Qual-00 Gas 15:22 Gabeak.c/s=3 Qual-00 Gas 15:22 Gabeak.c/s=2 Qual-00 Gas 15:22 Gabeak.c/s=2 Qual-00 Gas 15:22 Gabeak.c/s=2 Qual-00 Gas 15:23 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Qual-00 Gas 15:24 Gas 16:12 Gabeak.c/s=2 Gas 16:24	vent # =	22615									ĺ
15:21 15:32	9/03/18,1 Sta	15:21 DOY= irt Peak	-	End times							
DOV=77	1	-		15:32	CaPeak.c/s=31	Qual=00 Qual= 4	FePeak=15:22	FePeak.c/s=10			XEN=907705
15:43   16:12   CaPeak.c/s=24   Qual=00   CaPeak.e  15:43   Rast=240".240"   Step=15"   Cad= 262s   1.024s/pjive   CaPeak.c/s=24   Qual=00   Exp #=86170   Rast=180"x!"   Step=0"   Pitch=114", Paw=-734"   D0V=77   Exp #=86170   Rast=180"x!"   Step=0"   Pitch=114", Paw=-734"   D0V=77   Rast=180"x!"   Rast=180"x!"   Rast=240"x240"   Step=5"   Pitch=114", Paw=-910"   D0V=77   Rast=180"x!"   Rast=240"x240"   Step=5"   Pitch=114", Paw=-910"   D0V=77   Rast=180"x!"   Rast=240"x240"   Step=5"   Pitch=114", Paw=-910"   D0V=77   D0V=77   Rast=240"x240"   Step=5"   Pitch=114", Paw=-910"   D0V=77   D0V=	SP 15:	.07			Wavelength=2788A	_	Exp #=86169	Rast=240"x240" Rast=180"x1"			1.024s/pixel ", Yaw=-733"
15:13   16:12   CaPeak.c/s=24   Qual=00   Rast=240%240"   Step=15"   Cad= 262s   1.0345/pixe   Rast=240%240"   Step=15"   Cad= 262s   1.0345/pixe   Rast=180"x1"   Step=15"   Cad= 262s   1.0345/pixe   Step=10"   Step=15"   Cad= 262s   1.0345/pixe   Step=10"   Step=10"   Step=10"   Step=110", Vaw=-734"   Step=10"   Ste		22616 5:43 DOY= ort Peak		ind times		1000000					
Mayelength=27884   Exp #=86170   Rast=240"x240"   Step=15"   Cad= 262s   10245/pixe		43 15:4.	•	16:12	CaPeak.c/s=24	Qua]=00 Qua]= 4	FePeak=15:43	FePeak.c/s=8			XFN=907706
DOY=77 End times  Listing Lists and times  Havelength=2788A Code=02 Exp #=86170  Listing Lists are times  Havelength=2788A Code=02 Exp #=86170  Lists List List List List List List List	16:	07			₩avelength=2788A		Exp #=86170	Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=-11	_
16:55:00   16:55:37   Peak	/18, 1 , 7		77	+	S S	N33W73		Pitch=-252", Yaw	/=-917", Rol	]=-20deg	H.Ana=80dea
DOY=77   End times	ES 15: 88S 16: SP 16:		5:00 1		Importance=C9 Peakc/s=56 Wavelength=2788A	Qual=05 Qual=01 Code=02	Tot Cts=420 Exp #=86170	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-114	", Yaw=-734"
17:16   17:18   CaPeak.c/s=30   Qual=3   FePeak=17:15   FePeak.c/s=8   #Peaks=1   dt=7.75   XEN=907707     Mayelength=13754   Mayelength=13754   Exp #=86172   Mayelength=13754   Exp #=86180     Mayelength=13754   Exp #=86180   Mac.=DAI   Cart.Lon.=179deg   H.Ang=7deg     H.Ang=7deg   H.Ang=7deg   H.Ang=7deg     H.Ang=7deg   H.Ang=7deg   H.Ang=8deg     H.Ang=8deg	ent # = 703/18,1 Sta			nd times							
17:16 17:18 CaPeak.c/s=30 Qual= 3 FePeak=17:15 Rast=115"x115" Step=5" Cad=1083s 2.048s/pixel  Wavelength=27884 Exp #=86172 Rast=243"x243" Step=5" Cad=1083s 2.048s/pixel  Bov=77 Rast=115"x115" Step=5" Cad=1083s 2.048s/pixel  Bov=77 Rast=115"x115" Step=5" Cad=1083s 2.048s/pixel  Bov=77 Rast=243"x243" Step=5" Cad=1083s 2.048s/pixel  Bov=77 Rast=240", yaw=-908"  Bov=77 Rast=240", yaw=-908"  Bov=77 Rast=240", yaw=-908"  Bov=77 Rast=240", yaw=-908"  Bov=77 Rast=240", yaw=-908"  Bov=77 Rast=240", yaw=-908"  Bov=77 Rast=240", yaw=-910", yaw=-908"  Bov=77 Rast=240", yaw=-910", yaw=-910"  Bov=77 Rast=240", yaw=-917", yaw=-910"  Bov=77 Rast=240", yaw=-910"  B	S	;		;	Class=SF	\$14W02 Qual=00	AR5403	Mac.=DAI	Carr.Lon.	=179deg	H.Ang=7deg
Mavelength=2788A Exp #=86172 Rast=243"x243" Step=3" Cad=10835 2.048s/pixel Peak	/	7		7:18		Qual= 3		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=907707
DOY=77 Peak End times HaClass=SF	Р 16:	57			Wavelength=2788A			Kast=115"X115" Rast=243"x243"	Step=5" Step=3"	Cad=1083s Pitch=-240	2.048s/pixel ",Yaw=-908"
17:31   17:58   20:29   Importance=M4   Qual=05   Importance=M4   Importance=M4   Qual=05   Im	nt # = 03/18,1; Star	10966 7:58 DOY=7 rt Peak		nd times	l	N33W73		Pitch=-252", Yaw	917", Rol	1=-20deg	H.Ang=80deg
18:19:50 18:21:48 18:39:46 Peakc/s=44 Qual=02 Tot Cts=5846 MaxkeV=102 Flags=SN	ical S17:3	31 17:58			HaClass=SF Importance=M4	N37W74 Oual=05	AR5395	Mac.=FKC	Carr.Lon. ª	=251deg	H.Ang=82deg
18:24	BS 18:	19:50 18:21 22 18:23	1:48 12 3 18	46		Qual=02 Qual= 4		MaxkeV=102 FePeak.c/s=8		dt= 3.8s	XEN=907708
19:55 20:00 20:31 CaPeak.c/s=67 Qual= 4 FePeak=20:07 FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=907709 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel P 19:58 Wavelength=1375A Exp #=86180 Rast=265"x265" Step=5" Pitch=-236",Yaw=-912"	_	24 equency (MHz	z)/Flu		Wavelength=1375A 2695/35 4995/610		Exp #=86173 15400/380	Rast=240"x240" Rast=265"x265"		Cad= 262s Pitch=-238	1.024s/pixel , Yaw=-910"
P 19:58 Rast=240"x240" Step=15" Cad= 262s Wavelength=1375A Exp #=86180 Rast=265"x265" Step=5" Pitch=-236	•	55 20:00			ak.c/s=67	sociated Qual= 4	Event # = 22618 FePeak=20:07	FePeak.c/s=8		dt= 7.7s	EN=907709
	P 19	89		_	Wavelength=1375A		Exp #=86180	Rast=240"x240" Rast=265"x265"		Cad= 262s Pitch=-236"	1.024s/pixel , Yaw=-912"

Ľ.	10067							v===027" Roll==20dea		H.Ang=83deg
∞	22:05	0Y=77		SMM Pointing:	N33W77		אוורוו=באז ,ומא	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		,
222	Start P Start P 200ES 21:54 2 HXRBS 21:52:46 2	eak 2:05 1:56:39	End times 23:00 II 22:10:48 P	Importance=C3 (Peakc/s=2017 (	Qual=03 Qual=03	Tot Cts=1.52E+5	MaxkeV=320			Dur=180sec
úΝ	1:56:00 1:48	22:04		CaPeak.c/s=1638 (	Qual= 3	FePeak=22:01	FePeak.c/s=514 Rast=240"x240"	#Peaks=1 ( Step=15" (	dt= 7.7s Cad= 262s	XEN=90//10 1.024s/pixel
~ 3	21:58 Sweens	Tvpe/Int			ç	xp #=86191			•	, Yaw=-920
Radio	Frequenc	Frequency(MHz)/Flux(stu)		22	8800/ / 00 13400/ 150					
18	Event # = 11289 89/03/18,23:03	11		SMM Pointing:	N33W77		Pitch=-791",Yaw	', Yaw=+540", Roll=90deg	=90deg	H.Ang=83deg
GOES HXRBS 2 RCS		Peak 23:00:58 23:03	23:02:54 P 23:11 C	Peakc/s=45 CaPeak.c/s=51	Qual=00 Qual=01 Qual= 5	Tot Cts=1139 FePeak=23:03	MaxkeV=102 FePeak.c/s=10 past=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 262s	XEN=907711 1.024s/pixel
	23:05			Wavelength=1375A		Exp #=86194	Rast=265"x265"		Pitch≖-784	",Yaw=+554"
- 1	)				89/03/19	3 DOY=78				
= <b>#</b> = =	= 10968	7-70		CMM Pointing:	N33W77		Pitch=-791", Yaw	, Yaw=+540", Roll=90deg	=90deg	H.Ang=83deg
77	89/03/19,00:32 Start Start	Peak	End times (	e=SPY	06M0EN	AR5395	Mac.=FKC	Carr.Lon.=263deg	263deg	H.Ang=94deg
GOES HXRBS (	00:32:45	00:32:53 00:34:06		Peakc/s=58 Wavelength=1375A	Qual=01 Qual=02	Tot Cts=426 Exp #=86201	MaxkeV=102 Rast=265"x2	Flags=SN Step=5"	Pitch=-229"	", Yaw=-917"
•		00:48:49 00:49:01	•	Peakc/s=41 Wavelength=1375A	ssociated Qual=01	Event # = 10959 Tot Cts=168 Exp #=86202	MaxkeV=102 Rast=110"x200"	ep=5"	Pitch=-	", Yaw=-945"
Event # 89/03/1 GOES BCS FCS UVSP	t # = 22620 3/19,02:13 Start 02:08	DOY=78 Peak 02:13	End times 02:21	CaPeak.c/s=25 Wavelength=1375A	Qual=00 Qual= 4	FePeak=02:12 Exp #=86207	FePeak.c/s=6 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s ) Cad= 262s Pitch=-206"	XEN=907800 1.024s/pixel 5", Yaw=-925"
Event #89/03/1 60ES BCS FCS UVSP	: # = 22621 3/19,02:39 Start 02:30 02:33	1 D0Y=78 Peak 02:39 02:56	End times 02:57	CaPeak.c/s=67 Wavelength=1375A	Qual=00 Qual= 1 A	FePeak=02:39 Exp #=86210	FePeak.c/s=12 Rast=240"x240" Rast=110"x200"	#Peaks=1 Step=15" Step=5"	dt= 3.8s Cad= 262s Pitch=-259"	XEN=907801 1.024s/pixel 9", Yaw=-953"

eq H.Ang=85deg	I	7s XEN=907802 262s_1.024s/pixel	259", Yaw=-953" 		H. Annæ03den	,	/s	1	8c VEN-00700	5s AEN=90/604 52s 1.024s/pixel -206",Yaw=-925"		4	234 ,	I	H.Ang=90deg	s XEN=907805 2s 1.024s/pixel 229", Yaw=-953"	H. Ang=85den	
, Yaw=-937", Roll=-20deq	Carr.	#Peaks=2 dt= 7.7s X Step=15" Cad= 262s 1	Step=5" Flags=SN Step=5"		Carr.Lon.=261deg	C=sqeod#	Step=15" Cad= 262s Step=5" Pitch=_23	-		Step=15" Cad= 262s 1 Step=5" Pitch=-206",	, Yaw=-937", Roll=-20dea		3rep-3 rich=-234	, raw=-93/", Roll=-20deg	Carr.Lon.=254deg	#Peaks=1 dt= 7.7s	, Yaw=-937", Roll=-20deg	0
Pitch=-215", Ya	Mac.=DKI Maxkov=144	FePeak.c/s=87 Rast=240"x240"	_		Mac.=FKC	FePeak.c/s=27	Rast=240"x240" Rast=110"x200"		FePeak.c/s=7	Rast=240"x240" Rast=265"x265"	Pitch=-215", Yaw	MaxkeV=144 Rast=110"x200"	01+ch= 01E" V	2		FePeak.c/s=84 Rast=240"x240" Rast=110"x200"	Pitch=-215", Yaw=	MaxkeV=144 FeDeak_C/e=111
			Exe Exp		AR5395	FePeak=05:31	Exp #=86220		FePeak=06:49	Exp #=86225		Tot Cts=22672 Exp #=86226	-	ABE30E	Tot Cts=1389	rereak=U/:40 Exp #=86230		Tot Cts=4623 FePeak=08:33
N32W79	N18E32 Qual=01 Qual=01	⋖			N29W90	(ua!=01 (ua]= 1	⋖		Vua!≖05 Qual= 5		N32W79	Qual=01 Qual=01 Code=00	N32W79	N33W85	Qual=02 Qual=01	(vual= 1 Code=01	N32W79	Qual=04 Qual=01 Qual= 4
SMM Pointing:	HaClass=SF Importance=M1 Peakc/s=123	CaPeak.c/s=353 Wavelength=1375			Code=BSL	CaPeak.c/s=156	Wavelength=1375/		CaPeak.c/s=51	₩avelength=1375A	SMM Pointing:	Importance=M2 Peakc/s=204 Wavelength=1375A	SMM Pointing:	HaClass=SF	Importance=M1 Peakc/s=56	ength=13	SMM Pointing:	Importance=M2 Peakc/s=67 CaPeak.c/s=738
End times	04:32 04:02:30	04:3/	:00 03:43:28			06:10		End times	07:23		End times	07:35 07:13:32		mes	08:04 07:41:30 07:43	sity:	1	
1 D0Y=78 Peak	04:02 1 04:00:02		03:40	D0Y=78	5	05:32		DOY= Peak	06:49		D0Y=78 Peak	07:08 07:04:33	D0Y=78	Peak	07:49 07:39:09 07:41	Type/Inten		08:33 08:28:45 08:33
Event # = 10971 89/03/19,04:02 Start	cal 03:23 S 03:59:11	03:48	03:39:20 03:45	t # = 22622 3/19,05:32 Start	al	05:15	05:22	# = 22623 /19,06:31 Start 06:20	06:48		# = 109/4 /19,07:08 Start	07:02 07:00:34 06:54	# = 10975 $/19,07:49$	start 1	07:38 07:38:10 07:27		= 10972 1,08:33 tart	08:24:53 ( 08:21 (
Event 89/03	Optic 60ES HXRBS	FCS	HXRBS UVSP	Event 89/03/	Optical GOES	BCS S.S.	UVSP	14) m	BCS FCS		_	GOES HXRBS UVSP	Event 89/03/	_	GOES HXRBS BCS	FCS UVSP Radio S		GOES HXRBS BCS FCS

1		1	ļ.		
H.Ang=11deg XEN=907807 1.024s/pixe1 ",Yaw=-953"	H.Ang=94deg XEN=907808 1.024s/pixe1 , Yaw=-753"	XEN=907809 1.024s/pixel ', Yaw=-753"	Pitch=-79",Yaw=-753"	XEN=907810 1.024s/pixel ", Yaw=-753"	Pitch=-79", Yaw=-753"
88 625 -244	7s 62s -79"	dt= 3.8s Cad= 262s Pitch=-79"	Pitch=-79"	dt= 3.8s Cad= 262s Pitch=-79	Pitch=-79
Carr.Lon. #Peaks=1 Step=15" Step=5"	Carr.Lon.=258deg #Peaks=1 dt= 7. Step=15" Cad= 2 Step=0" Pitch=	*Peaks=1 Step=15" Step=0"	Step=0"	#Peaks=1 Step=15" Step=0"	Step=0"
Mac.=DAI FePeak.c/s=54 Rast=240"x240" Rast=110"x200"	Mac.=FKC MaxkeV=102 FePeak.c/s=28 Rast=240"x240" Rast=180"x1"	FePeak.c/s=16 Rast=240"x240" Rast=180"x1"	MaxkeV=231 Rast=180"x1"	FePeak.c/s=36 Rast=240"x240" Rast=180"x1"	MaxkeV=102 Rast=180"x1"
AR5403 FePeak=10:01 Exp #=86238	AR5395 Tot Cts=520 FePeak=10:48 Exp #=86242	FePeak=11:28 Exp #=86243	AR5395 Tot Cts=7700 Exp #=86246	FePeak=15:00 Exp #=86248	Tot Cts=113 Exp #=86249
\$13W09 Qual=04 Qual= 1 Code=00	N31W90 Qual=01 Qual=1 Qual= 1 Code=00	Qual=01 Qual= 5	Qual=01 Qual=01	Qual=02 Qual= 2	Qual=00 Qual=01
HaClass=1F Importance=C9 CaPeak.c/s=305 Wavelength=1375A	SMM Pointing: HaClass=SF Importance=C5 Peakc/s=154 CaPeak.c/s=67 Wavelength=2788A	Importance=C7 CaPeak.c/s=70 Wavelength=2788A	SMM Pointing: Importance=M1 Peakc/s=118 Wavelength=2788A	Importance=C7 CaPeak.c/s=110 Wavelength=2788A	Peakc/s=55 Wavelength=2788A
End times 10:10 10:32	End times 10:53 10:47:51 10:49	End times 12:27 11:31	End times 13:26 i3:21:30	End times 15:41 15:30	End times 0 16:26:07
DOY=78 Peak 10:03 10:01	DOY=78 Peak 10:50 10:47:38 10:48	DOY=78 Peak 12:01 11:28	DOY=78 Peak 13:21 13:16:44	DOY=78 Peak 15:13 15:00	D0Y=78 Peak 7 16:26:00
# = 22624 19,10:03 Start 09:43 09:55 10:01	1 # = 10973 3/19,10:50 Start cal 10:47 S 10:47:20 10:48	vent # = 22625 9/03/19,12:01 Start 0ES 11:24 CS 11:28 CS 11:19	<b>=</b> -−1	1 # = 22626 3/19,15:13 Start 14:59 14:54	1 # = 10980 3/19,16:26 Start S 16:25:57 16:00
Event 89/03/ Optica GOES BCS FCS UVSP	Event 89/03/ 0ptica GOES HXRBS BCS FCS UVSP	Event 89/03 60ES BCS FCS UVSP	Event 89/03/ GOES HXRBS UVSP	Event 89/03, 60ES BCS FCS UVSP	Event 89/03/ GOES HXRBS UVSP

### 81 17-51 10-52 10-50-50 11	1000+									
17:58   18:19   Hancriance=9   Uual-03   Hakev=164	19,17:58 	DOY=7 Peak	time	10						
### Gode-LPS   Wavelength-2788A   Code-LPS   Code-LPS   Code-LPS   Wavelength-2788A   Code-Wavelength-2788A   Code-Wavelength-278A   Code-Wavelength-2788A   Code-	7:51 7:42:1 8:07	533	18:19 17:57:5	HaClass=SF Importance=C9 Peakc/s=59	N18W41 Qual=03 Qual=11	Tot Ct	Mac.=CAO MaxkeV=144	Carr.Lon	. =205deg	H.Ang=48deg
19:39:04   19:45:01   Peak   Code=LPS   S24590   Uaal=00   Tot Cts=1532   Maxev=102   Maxev=102   Maxev=105   Uaal=00   Tot Cts=1532   Maxev=137   Step=3   Pitch=-206   Uaal=00   Tot Cts=1532   Maxev=137   Step=3   Pitch=-206   Uaal=00   Tot Cts=1532   Maxev=187   Step=3   Pitch=-206   Uaal=00   Tot Cts=21816   Maxev=187   Maxev=187   Maxev=206   Max	17:48	•	<del>.</del>	tareak.c/s≂20 Wavelength=2788⊅		FePeak Exp #=	FePeak.c/s=7 Rast=115"x115" Rast=243"x243"		dt= 7.7s Cad=1083s	XEN=907811 2.048s/pixel
6:11 19:39:04 19:45:01 PeakC/s=106 Quai=01 Exp #=86253 Rast=243"x243" Step=3" Pitch=-206 Quai=01 Exp #=86253 Rast=243"x243" Step=5" Pitch=-206 Quai=01 Exp #=86253 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=110"x200" Step=5" Pitch=-239" Quai=01 Exp #=86255 Rast=240"x240" Step=15" Cad= 2625 Rast=240"x240" Step=15" Cad= 2625 Rast=240"x240" Step=15" Cad= 2625 Rast=240"x240" Step=15" Cad= 2625 Rast=240"x240" Step=15" Cad= 2625 Rast=240"x240" Step=15" Cad= 2625 Rast=240"x240" Step=5" Pitch=-220" Quai=01 Exp #=86260 Rast=240"x240" Step=5" Pitch=-220" Quai=01 Exp #=86260 Rast=240"x240" Step=5" Pitch=-220" Quai=01 Exp #=86260 Rast=240"x240" Step=5" Pitch=-220" Quai=01 Exp #=86260 Rast=240"x240" Step=5" Pitch=-220" Quai=01 Exp #=86260 Rast=240"x240" Step=5" Pitch=-220" Quai=01 Exp #=86260 Rast=240"x240" Step=5" Pitch=-230" Quai=01 Exp #=86260 Rast=240"x240" Step=5" Pitch=-23		0Y=7 eak	time	Code=LP	S24F90				007	, raw=-9c5
Start peak End times  Code=LPS  S24500  Start 2  Start 2  Code=LPS  Code=LPS  Code=LPS  Code=LPS  Code=LPS  Code=LPS  Code=LPS  Code=CD  Start Peak End times  Frequency(HHz)/Flux(sfu): 8800/88 [15400/220]  Frequency(HHz)/Flux(sfu): 9800/88 [15400/220]  Frequency(Hz)/Flux(sfu): 9800/88 [154000/220]  Frequency(Hz)/Flux(sfu): 9800/88 [15400/220]  Frequency(Hz)/Flux(sfu): 9800/88 [154000/220]  Frequency(Hz)		9:39	19:45:	eakc/s=106 avelength=2788		Tot Exp	MaxkeV=102 Rast=243"x243"	•	=-206	<b>T</b>
19:14:32   19:17:23   19:28:54   Peak   C/s=339   Quai=01   Ot Cts=21816   MaxkeW=187   MaxkeW=187   GaPeak.c/s=732   Quai=01   GaPeak.c/s=732   Ga=262s   Ga=26	= 10982 9,19:43 Start	0y=7 eak	time	Code=LP	S24F90			-		75.
19:19	9:14:32 9:16	9:17 9:43	19:28:5 19:48	eakc/s aPeak.c/s	Qual=00 Qual=01 Qual= 3	s=21816 =19:41	MaxkeV=187 Febbak c/s=269		.=73deg	H.Ang=87deg
= 10985 1,21:19	l9:19 Frequency	MHz)/	(sfu)	Wavelength=2788A 8800/88 15400/22(	C	36253	Rast=240"x240" Rast=243"x243"		ut= /./s Cad= 262s Pitch=-206	XEN=907812 1.024s/pixel ,Yaw=-925"
#avelength=13/5A Code=00 Exp #=86257 Rast=i10"x200" Step=5" Pitch=-284	= 10985 ,21:19 ;tart 11:04	3	nd time 1:54 1:20:25	Importance=M2 Peakc/s=234	Qua]=03 Qua]=01	, t	MaxkeV=144			
DOY=78 Peak End times  22:50 23:07	1:04:25 2 0:54	:04:57	:07:06	wavelengtn=13/5A 	Code=00 ssociated Qual=01	<pre>xp #=86257 vent # = 109 st Cts=14428 <pre>cp #=86255</pre></pre>	Rast=110"x200" MaxkeV=231 Rast=110"x200"	Step=5" Flags=M Step=5"		-953"
22:50 23:07 CaPeak.c/s=30 Qual= 1 FePeak=22:51 FePeak.c/s=7 #Peaks=1 dt= 7.7s  Wavelength=1375A Exp #=86263 Rast=110"x200" Step=15" Cad= 262s  Rast=240"x240" Step=15" Cad= 262s  Rast=110"x200" Step=5" Pitch=-229  Rast=110"x200" Step=5" Pitch=-229  Rast=110"x200" Step=5" Pitch=-229  Rast=240"x240" Step=5" Pitch=-229  Rast=240"x240" Step=5" Cad= 262s  Rast=240"x240" Step=15" Cad= 262s	_		time							3
Wavelength=1375A	:46	:50	3:07	eak.c/s=30	Qual=00 Qual= 1	_			dt= 7.7s x	(EN=907813
72 D0Y=78 Peak End times 23:42 00:05 Importance=C9 Qual=05 23:53 00:26 CaPeak.c/s=217 Qual= 5 FePeak=23:53 FePeak.c/s=13 #Peaks=1 dt= 3.8s 23:53 00:26 CaPeak.c/s=217 Qual= 5 FePeak=23:53 FePeak.c/s=13 #Peaks=1 dt= 3.8s Wavelength=1375A Exp #=86266 Rast=265"x265" Step=5" Pitch=-206"	2:46			Wavelength=1375A		#=86263			Cad* 262s 1 Pitch=-229",	.024s/pixel Yaw=-953"
:56   Mavelength=1375A   Exp #=86266   Rast=240"x240" Step=15" Cad= 262s   Cad= 262s   Pitch=-206	22	-78 13 13	mes	mportance=C9 aPeak.c/s=217			1	1	0 0 0	1000
	2		_	avelength=1375A		#=86266			ut= 3.8s X Cad= 262s 1 Pitch=-206",	EN=907814 .024s/pixel Yaw=-925"

				89/03/20	6/=¥00				
Event # = 22629 89/03/20,09:31   60ES	D0Y=79 Peak 09:31	End times 09:34 C	CaPeak.c/s=23 Wavelength=2788A	Qual=00 Qual= 4 F	FePeak=09:31 Exp #=86304	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-79",	xEN=907900 1.024s/pixel , Yaw=-753"
Event # = 10986 89/03/20,09:43 [ Start   GOES HXRBS 09:43:15 ( UVSP 10:03	DOY=79 Peak . 09:43:48	End times 09:44:33	Peakc/s=42 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=193 Exp #=86305	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-79",	, Yaw=-753"
Event # = 22630 89/03/20,10:46 Start Optical GOES BCS 10:46 FCS UVSP 10:37	DOY=79 Peak 10:46	End times 11:41	HaClass=SF CaPeak.c/s=84 Peak3c/s=515 Wavelength=2788A	N17W51 Qual=00 Qual= 5	AR5407 FePeak=10:47 Exp #=86306	Mac.=CA0 FePeak.c/s=18 Rast=240"x240" Rast=180"x1"	Carr.Lon.=205deg #Peaks=1 dt= 3. Step=15" Cad= 2 Step=0" Pitch=	88 62s -79	H.Ang=56deg XEN=907901 1.024s/pixel ", Yaw=-753"
Event # = 10987 89/03/20,11:35 Start Optical GOES HXRBS 11:34:03 UVSP 11:37	= 10987 0,11:35 D0Y=79 Start Peak End time: 11:34:03 11:35:02 11:40:23	End times 11:40:23	HaClass=SF PeakC/s=76 Wavelength=2788A	N17W51 Qual=00 Qual=01	AR5407 Tot Cts=3800 Exp #=86307	Mac.=CA0 Maxkev=102 Rast=180"x1"	Carr.Lon.=205deg Flags=1 Step=0" Pitch=	6/-	H.Ang=56deg , Yaw=-753"
Event # = 2263 89/03/20,12:23 Start GOES BCS 12:19 FCS 12:09 NVSP 12:09 Radio Sweeps	000 Pe	<pre>f=79 ak End times :23 12:34 Type/Intensity:</pre>	CaPeak.c/s=40 Wavelength=2788A III/2	Qual=00 Qual= 4	FePeak=12:22 Exp #=86308	FePeak.c/s=19 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-79",	XEN=907902 1.024s/pixel , Yaw=-753"
Event # = 10988 89/03/20,12:30 Start Optical GOES HXRBS 12:30:23 UVSP 12:09	38 DOY=79 Peak	= 10988 0,12:30 DOY=79 Start Peak End times 12:30:23 12:30:57 12:32:38 12:09	HaClass=SF Peakc/s=46 Wavelength=2788A	N17E12 Qual=01 Qual=01 A	AR5409 Tot Cts=507 Exp #=86308	Mac.=DKI MaxkeV=102 Rast=180"x1"	Carr.Lon.=141deg Step=0" Pitch=	.=141deg Pitch=-79"	141deg H.Ang=27deg Pitch=-79",Yaw=-753"

Start	Peak	End times							
	•	•	HaClass=SF	S13W24 Oua7=01	AR5403	Mac.≖DA0	Carr.Lon.*177deg	*177deg	H.Ang=24deg
0¢:71	13:01	13:14	CaPeak.c/s=49	Qual= 3	FePeak=12:56	FePeak.c/s=16		dt= 3.8s	XFN=907903
13:09			Wavelength=2788A	¥.	Exp #=86309	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-79"	1.024s/pixel, Yaw=-753"
Event # = 22633 89/03/20,14:44 Start	00Y=79	- P C L							
	r da	Erid times	HaClass≖SF	\$26E81	AR5417	Mac.=BX0	Carr.Lon.=71deg	*71dea	H Ang=70deg
3:52	14:44	14:47	CaPeak.c/s=313	Vual≖∪5 Qual= 5	FePeak=14:44	FePeak.c/s=21	#Deaks=2	0+= 7 7c	VEN-OCTOO
14:43 Sweeps	Type/1	Type/Intensity:	Wavelength=2788A III/2	ď	Exp #=86311	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-111	., Yaw=-744"
Event # = 10989 89/03/20,16:01   Start	D0Y=79 Peak	End times	SMM Pointing:	N34W80		Pitch=-246", Yaw	, Yaw=-930", Roll	, Roll=-20deg	H. Ang=85deg
_	16:01	16:39	HaClass=SF Importance=M2	\$27E87	AR5417	Mac.=BXO	Carr.Lon.=65deg	65deg	H.Ang=84deg
15:41:52   15:25	15:47:48 15:50	15:50:54 15:50	Peakc/s=199 CaPeak.c/s=710	Qual=03 Qual= 2	Tot Cts=28400 FePeak=15:50		Flags=I,E #Peaks=2	7,5	300200-1137
•			velength=278	•	Exp #=86313	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1	1.024s/pixel
	16:58	•	CaPeak.c/s=25	Associated Qual= 5	Event # = 22634 FePeak=17:00	FePeak.c/s=9	#Peaks=1	dt= 7 7c	, - cm - c , ++
		-	Wavelength=2788A		Exp #=86314	Rast=240"x240" Rast=180"x1"		Cad= 590s Pitch=-111"	1.024s/pixel  .yaw=-744"
Event # = 10990 89/03/20,19:02 D Start P	00Y=79 Peak	End times	SMM Pointing:	N34W80		Pitch=-246", Yaw=-930", Roll=-20deg	930", Roll:		H.Ang=85deg
18:55:00 1, 18:55	18:56:39 19:02	18:57:22 19:03	Peakc/s=57 CaPeak.c/s=125	Qual=00 Qual=01 Qual= 2	Tot Cts=1133 FePeak=19:01			-	YEN-007007
		<b>.</b>	Wavelength=1375A		Exp #=86320	Rast=240"x240" Rast=30"x30"	Step=15" (Step=5" P	Cad= 262s Pitch=-181"	1.024s/pixel ",Yaw=-833"
Event # = 10991 89/03/20,21:12 DC Start PC	D0Y=79 Peak	S End times	SMM Pointing:	N34W80		Pitch=-246", Yaw=	, Yaw=-930", Roll=-20deg		H.Ang≖85deg
20:42 21	21:12	00:50	HaClass=2N Importance=M3	\$25E76 Qual=02	AR5417	Mac.=BX0	Carr.Lon.=73deg		H.Ang=74deg
77	Jype/In	<pre>20:41:28 tensity:</pre>	Peakc/s=62 Wavelength=1375A II/2	Qual=03 Code=01	Tot Cts=3142 Exp #=86329	MaxkeV=102 Rast=30"x30"	Flags=ES Step=5" P	Pitch=-181",Yaw=-843	Yaw=-843"

	10000	#Peaks=1 ut= /// Step=15" Cad= 262s	Step=5" Pitch=-181			=92 180"	Step=5" Pitch=-171		.144 )"x30" Step=5" Pitch=-171", Yaw=-853"		MaxkeV=102 Flags=SA FPedeak.c/s=228 #Peaks=1 dt= 3.8s XEN=908001 Recheak.c/s=228 #Peaks=1 dt= 3.8s XEN=908001 Rech=240"x240" Step=15" Cad= 262s 1.024s/pixel	Step=0" Pitch=-11		=7 #Peaks=1 dt= 7.7s 240" Step=15" Cad= 262s	Step=0" Pitch=-111		<b>~</b>
		FePeak.c/s=2b Rast=240"x240"	Rast=30				Rast=30		3 MaxkeV=144 Rast=30"x30"			Rast=18					201=100
	-	FePeak=23:59	Exp #=86341	D0Y=80	AR5395	Tot Cts=507 FePeak=01:01	Exp #=86346	AR5395	Tot Cts=1288 Exp #=86348	AR5395	Tot Cts=14050 FePeak=02:19	Exp #=86351	AR5395	Tot Cts=185 FePeak=03:51	Exp #=86353	AR5395	100
	Qua]=00	Qual= 2		89/03/21		Qual=01 Qual=01 Qual= 1	Code=00		Qual=00 Qual=01		Qual=05 Qual=02 Qual= 5	Code=00		Qual=00 Qual=01 Qual= 5	<b>T</b>		Qua]=00
		CaPeak.c/s=153	Wavelength=1375A		SMM Pointing:	<pre>Importance=M1 Peakc/s=59 CaPeak.c/s=636</pre>	Wavelength=1375A	SMM Pointing:	Peakc/s=172 Wavelength=1375A	SMM Pointing:	Importance=M3 Peakc/s=85 CaPeak.c/s=1703	Wavelength=2788A	SMM Pointing:	Peakc/s=47 CaPeak.c/s=19	Wavelength=2788A	SMM Pointing:	
	End times	00:00	-			End times 01:48 00:57:04 01:39		End times	01:35:17		End times 03:34 02:47:12 03:13		End times	2 03:52:31 03:58		Fnd times	
2	Peak	23:59			D0Y=80	Peak 01:10 00:56:29 01:11		D0Y=80		D0Y=80	Peak 02:14 02:32:04 02:19		DOY=80 Peak	t 03:52:22 03:53		5 D0Y=80 Peak	; ; ;
t # = 22635	Start	23:42	23:41		# = 10392 $(21,01:10)$	Start 00:51 00:56:02 00:45	00:50	vent # = 10993 9/03/21,01:34	01:34:10 01:13	# = 10994 /21,02:14	Start GOES 02:02 HXRBS 02:16:00 BCS 02:18	02:10	t # = 10995 3/21,03:53 Start	5 03:51:44 03:51	03:42	t # = 10996 3/21,03:56 Start	3
Event	69/03/ GDES	BCS	FCS UVSP		Event 89/03/	GOES HXRBS BCS	FCS UVSP	Event 89/03,	GOES HXRBS UVSP	Event 89/03	GOES HXRBS BCS	FCS UVSP	Event 89/03/	GOES HXRBS BCS	FCS UVSP	Event 89/03,	GOES

89/03/21 04/25	Event $\# = 1099$									
Type/Intensity:   PeakC/s=8   Qual=0    Tot Cts=218   Maxee+102   Mac.=DKI   Carr.Lon.=141deg   D0V+80   Type/Intensity:   I11/2   PeakC/s=8   Qual=0    Tot Cts=218   Maxee+102   Mac.=DKI   Carr.Lon.=141deg   Peak   Type/Intensity:   I11/2   PeakC/s=83   Qual=0    Tot Cts=28   Maxee+102   Mac.=DKI   Carr.Lon.=141deg   Peak   Type/Intensity:   Tot Cts=28   Maxee+102   Mac.=DKI   Carr.Lon.=141deg   Peak   Type/Intensity:   Tot Cts=28   Maxee+102   Mac.=DKI   Carr.Lon.=141deg   Peak   Type/Intensity:   Tot Cts=28   Mac.=DKI   Carr.Lon.=141deg   Peak   Tot Cts=28   Mac.=DKI   Carr.Lon.=138deg   Hancelength=2788   Cad=200   Carr.Lon.=138deg   Hancelength	89/03/21,04:05	DOY=80		SE SE		AR5395				
Type/Intensity:   Type   Typ	_			Ħa.	N16E04		Mac.=DKI	Carrilon	=1414ea	TOPPE CONTRACT
DOY-80   End times	04:04 03:42 Sweeps	04:05:09 0. Type/Inte		Peakc/s=83 Wavelength=2788/ III/2	Qual=00 Qual=01	Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	ey Pitch=-111	n.Aiiy=23aeg .",Yaw=-744"
HaClass=SF   N16E03   AR5409   Hac.=DKI   Carr.Lon.=141deg   Qual=01   Tot Cts=2487   MaxkeV=187   Type/Intensity:   I1/3 eng12-2788A   Qual=01   Tot Cts=2487   MaxkeV=187   Rass=180°X1"   Step=0"   Pitch=-111"   Type/Intensity:   I1/3 eng12-2788A   Qual=01   Tot Cts=2487   MaxkeV=187   Rass=180°X1"   Step=0"   Pitch=-111"   Type/Intensity:   I1/3 eng12-2788   AR5395   AR53	/ent # = 10998 3/03/21,05:41 Start	D0Y=80 Peak	+	SMR		AR5395				
05:41:07 05:41:31 Peakc/s=183 Qual=01 Tot Cts=2487 Paxkev=187 Peakc/s=183 Qual=01 Tot Cts=2487 Paxkev=187 Peakc/s=84 Qual=01 Tot Cts=2487 Paxkev=187 Patch=-111"  Type/Intensity: 111/3 Vye/length=27884 Qual=01 Tot Cts=2487 Paxkev=180"x1" Step=0" Pitch=-111"  D0V=80 End times Peakc/s=87 Peakc/s=94 Qual=01 Tot Cts=2236 Paxtev=180"x1" Step=0" Pitch=-111", peak Peak Peak Peakc/s=94 Qual=01 Tot Cts=13236 Peakc/s=94 Qual=01 Tot Cts=3236 Peakc/s=95 Qual=01 Tot Cts=3180"x1" Step=0" Pitch=-111", peak Peak Peakc/s=95 Qual=01 Tot Cts=318 Peak Pointing: Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Pointing: Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Pointing: Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Pointing: Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak Peakc/s=50 Qual=01 Tot Cts=318 Peakc/s=50 Qual=01 Tot Cts=318 Peak Peakc/s=50 Qual=01 Tot Cts=318 Peak	tical ES			Ha	N16E03	AR5409	Mac.=DKI	Carr. Lon.	.=141dea	H. Ana=23dea
DOY=80  End times  SMM Pointing:  Peak  BOY=80  SMM Pointing:  BOY=80  SMM Pointing:  Boy=80  SMM Pointing:  Boy=80  SMM Pointing:  Boy=80  SMM Pointing:  SMM Pointing:  Boy=80  SMM Pointing:  Boy=80  SMM Pointing:  Boy=80  SMM Pointing:  Boy=80  SMM Pointing:  Boy=80  SMM Pointing:  Boy=80  B	RBS 05:40:41 SP 05:16 dio Sweeps	05:41:07 09 Type/Inte	5:41:31 ensity:	Peakc/s=183 Wavelength=2788A III/3 V/2	Qual=01	Tot Cts=2487 Exp #=86355	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=-111	", Yaw=-744"
DOY=80 Peak         SMM Pointing:         AR5395 Qual=04         Mac.=DKI         Carr.Lon.=141deg           09:07:42         09:022 Mavelength=2788A         N17E01 Qual=04         AR5395 Qual=04         Mac.=DKI         Carr.Lon.=141deg           DOY=80 Peak         SMM Pointing:         AR5395 Qual=04         Raxeel=180"x1"         Step=0"         Pitch=-111"           DOY=80 Peak         SMM Pointing:         AR5395 Qual=04         AR5395 Qual=04         AR5395 AR5409         Maxeel=180"x1"         Step=0"         Pitch=-111"           DOY=80 Havelength=2788A         SMM Pointing:         AR5395 AR310         AR5395 AR311 Mac.=CA0         Carr.Lon.=141deg         Pitch=-111"           DOY=80 Peak         SMM Pointing:         AR5395 AR310         Raxeev=102 AR5395         Raxeev=102 AR5395         Raxeev=100"         Pitch=-111"           DOY=80 Peak         End times Mavelength=2788A         AR5395 Au3=01         AR5395 Au3=01         AR5395 Au3=02         AR5409 Au3=01         Mac.=DKI         Carr.Lon.=138deg         H           DOY=80 Wavelength=2788A         Qual=03 Qual=03         AR5409 Qual=03         Mac.=DKI         Carr.Lon.=138deg         H           DOY=80 Wavelength=2788A         Qual=03 Qual=03         Tot Cts=1127 Auxeel=102         AR5409 Qual=03         Mac.=DKI         Carr.Lon.=1340eg         H	are requell	cy (mnz)/ r i u)	K(STU):	245//4 410/16 60	6/26 1415	/19 2695/33 499:	5/140 8800/130	15400/40		
09:12 09:22 Importance=C9 Qual=04	ent # = 10999 /03/21,09:12 _Start	DOY=80 Peak	od times	ļ.		AR5395				
09:07:42 09:11:13 Peakc/s=87 Quai=01 Tot Cts=3236 Maxkev=102  Wavelength=2788A Quai=01 Tot Cts=1016 Maxkev=102  Boy+80 End times  10:10:37 10:10:55 Wavelength=2788A Guai=01  Boy+80 End times  SMM Pointing:  Boy+80 End times  SMM Pointing:  Boy+80 End times  SMM Pointing:  Boy+80 End times  SMM Pointing:  Boy+80 End times  SMM Pointing:  Boy+80 End times  SMM Pointing:  Boy+80 Quai=01 Tot Cts=1016 Maxkev=102  AR5395 Rast=180"x1" Step=0" Pitch=-111",  AR5395 Rast=180"x1" Step=0" Pitch=-111",  AR5395 Rast=180"x1" Step=0" Pitch=-111",  AR5395 Rast=180"x1" Step=0" Pitch=-111",  Boy+80 Quai=01 Tot Cts=318 Maxkev=102  AR5409 Mac.=DKI Carr.Lon.=138deg H  Boy+80 Quai=01 Tot Cts=1127 Maxkev=102  Boy+80 Quai=01 Tot Cts=1127 Maxkev=102  Boy+80 Quai=01 Tot Cts=1127 Maxkev=102  Boy+80 Quai=01 Tot Cts=1127 Maxkev=102  Boy+80 Quai=01 Tot Cts=1127 Rast=180"x1" Step=0" Pitch=-111",	9:05	09:12		HaClass=SF Importance=C9	N17E01	AR5409	Mac.=DKI	Carr.Lon.	.=141deg	H.Ang=24deg
DOY=80	65 09:06:01 5P 09:22	09:07:42	13	Peakc/s=87 Wavelength=2788A	Qual=01	Tot Cts=3236 Exp #=86360	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-111"	", Yaw=-744"
10:10:37 10:10:55 Peakc/s=94 Qual=00 Tot Cts=1016 MaxkeV=102 Step=0" Pitch=-111"  D0Y=80	nt # = 11000 03/21,10:10 Start	DOY=80 Peak	d times	Pointing:		AR5395				
DOY=80         SMM Pointing:         AR5395           Peak         End times         HaClass=SF Qual=0 Qual=00 Qual=01         Tot Cts=318 AskeV=102 Rast=180"x1"         Carr.Lon.=141deg           10:27:19 10:27:46 Peakc/s=50 Qual=01         Qual=01 Tot Cts=318 Peak End times         MaxkeV=102 Rast=180"x1"         Step=0"         Pitch=-111"           10:58 11:00 Importance=C5 Qual=03 Peakc/s=99 Qual=01 Tot Cts=1127 Peakc/s=99 Qual=01 Tot Cts=1127 Raste180"x1"         AxxkeV=102 Rast=180"x1"         Step=0"         Pitch=-111"		10:10:37 10 y(MHz)/Flux		Peakc/s=94 Wavelength=2788A 8800/84 15400/47	Qual=00 Qual=01	Tot Cts=1016 Exp #=86361	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-111"	, Yaw=-744"
10:27:19 10:27:46 Peakc/s=50 Qual=01	nt # = 11001 03/21,10:27 Start	D0Y=80 Peak	1	İ		AR5395				
10:27:19 10:27:46 Peakc/s=50 Qual=01 Tot Cts=318 MaxkeV=102  Wavelength=2788A Exp #=86362 Rast=180"x1" Step=0" Pitch=-111"  DOY=80  Foak End times  HaClass=SF N16E03 AR5409 Mac.=DKI Carr.Lon.=138deg HaClass=SF Qual=03 Tot Cts=1127 MaxkeV=102  Wavelength=2788A Code=00 Exp #=86362 Rast=180"x1" Step=0" Pitch=-111",	ical S		,	Class=SF	N11W00	AR5411	Mac.=CA0	Carr.Lon.₌		H.Ana=18dea
DOY=80 Peak End times HaClass=SF N16E03 AR5409 Mac.=DKI Carr.Lon.=138deg 10:58 11:00 Importance=C5 Qual=03 Ous 11:00 Qual=01 Tot Cts=1127 MaxkeV=102 Wavelength=2788A Code=00 Exp #=86362 Rast=180"x1" Step=0" Pitch=-111"	BS 10:26:32 P 10:56	10:27:19 10:		c/s=50 ength=2788A	Qual=01	Tot Cts=318 Exp #=86362	MaxkeV=102 Rast=180"x1"	Step=0"	-111"	, Yaw=-744"
10:54	nt # = 11002 03/21,10:58 Start		}	1		AR5395				
10:56	10:54	10:58		daClass=SF (mportance=C5	N16E03 Qua]=03	AR5409	Mac.=DKI	Carr.Lon.=		H.Ang≈23deg
	10:56	.01 80:00:01		eakc/s=99  avelength=2788A	Qual=01 Code=00	Tot Cts=1127 Exp #=86362	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-111",	, Yaw=-744"

14:56   15:03   15:09   15:09   15:09   16:0		-80		CMM Pointing:	\$27E69		Pitch=+98", Yaw=+888"	+888", Roll=	,Roll=-20deg	H.Ang≖68deg
15:03   15:09		End		Clacc=1N	N20M03			Carr. Lon. = 142deg	142deg	H.Ang=27deg
DOY=80    19:29:20   19:29:55   Peakc/s=109   Qual=00   Tot Cts=1485   Maxe=150°x15   Mave ength=1375A   Lange   CaPeak.c/s=20   Qual=01   Tot Cts=1485   Maxe=150°x15   Mave ength=1375A   Lange   Exp #=86373   Rast=150°x15   Mave ength=1375A   Exp #=86379   Rast=240°x2   Mave ength=1375A   Exp #=86379   Rast=240°x2   Mave ength=1375A   Exp #=86379   Rast=265°x2   Mave ength=1375A   Exp #=86379   Rast=265°x2   Mave ength=1375A   Exp #=86379   Rast=265°x2   Mave ength=1375A   Exp #=86401   Rast=260°x1   Rast=240°x2   Mave ength=2788A   Exp #=86401   Rast=180°x1   Mave ength=2788A   Exp #=86404   Rast=180°x1   Mave ength=2788A   Exp #=86404   Rast=180°x2   Maxe -180°x2   M	ptical 30ES 14:58 15: 1XRBS 14:59:03 15: 1VSP 14:35 3adio Frequency(M	03 15:09 01:27 15:02 Hz)/Flux(sf	:51 u):	tance=C9 c/s=181 ength=2788A 110 8800/14(	Oual=03 Oual=01 Code=01	Tot Cts=8580 Exp #=86367	MaxkeV=144 Rast=180"x1"	Flags=I Step=0"	Pitch=+232"	', Yaw=+1073"
19:29:20 19:29:55 Peakc/s=109 Qual=01 Tot Cts=1485 MaxkeV=144  D0V=80  Exp #=86373 Rast=150"x19  Bovelength=1375A Gual= 5 FePeak=20:58 FePeak.c/s=  Mavelength=1375A Exp #=86379 Rast=240"x2  Mavelength=2788A Exp #=86401 FePeak.c/s=  D0Y=81 Rast=240"x2  Mavelength=2788A Exp #=86401 Rast=180"x1  D0Y=81 Rast=240"x2  Mavelength=2788A Exp #=86401 Rast=180"x1  D0Y=81 Rast=240"x2  Mavelength=2788A Ras409 Mac.=DK1  D0Y=81 Rast=180"x1  D0Y=81 Rast=240"x2  Mavelength=2788A Ras409 Mac.=DK1  D0Y=81 Rast=180"x1  D0Y=81 Rast=180"x1  D0Y=81 Rast=180"x1  Rast=180"x1  Rast=180"x1  Rast=180"x1  Rast=180"x1  Rast=180"x1  Rast=180"x1  Rast=180"x1  D0Y=81 Rast=180"x1  Rast=180"x	<pre>ivent # = 11003 iy/03/21,19:29 DOY     Start Pea Dutical</pre>	End		<u> </u>	N16W03 N19W67	AR5407	Pitch=-334",Yaw Mac.=CRO	,Yaw=-177",Roll=-20de Carr.Lon.=203deg	, Roll=-20deg Lon.=203deg	H.Ang=23deg H.Ang=71deg
DOY=80  Peak End times  21:00  21:10  CaPeak.c/s=23  Qual=00  Exp #=86379  Rast=265"x2l  Mavelength=1375A  Exp #=86379  Rast=265"x2l  Rast=264"x2l  Boy=81  DOY=81  DO	19:28:50 19:30		:55	Peakc/s=109 Wavelength=1375A	Qual=00 Qual=01	Cts=148 #=86373	MaxkeV=144 Rast=150"x150"	Step=10"	Pitch=-380"	', Yaw=-178"
Mavelength=1375A   Exp #=86379   Rast=265"x2     DOY=81		) End 21:1	times	CaPeak.c/s=23	Qual=00 Qual= 5	FePeak=20:58	FePeak.c/s=6	#Peaks=1 C+en=15"	dt= 7.7s X Cad= 262c 1	XEN=908004 1.024s/nixel
DOY=81 Peak End times  HaClass=SF N13W05  O3:11 O3:15 CaPeak.c/s=20 Qual=00  DOY=81  BOY=81  SMM Pointing: N16W08  DOY=81  SMM Pointing: N16W08  CaPeak.c/s=295 Qual=01  O5:13.03 O5:13:03 O5:13:05  DOY=81  DOY=81  SMM Pointing: N16W08  DOY=82  CaPeak.c/s=295 Qual=01  CaPeak.c/s=295 Qual=01  DOY=81  DOY=81  SMM Pointing: N16W09  DOY=81  DOY=81  SMM Pointing: N16W09  DOY=81  DOY=81  SMM Pointing: N16W09  DOY=81  DOY=81  SMM Pointing: N16W09  DOY=81  DOY=81  DOY=81  SMM Pointing: N16W09  DOY=81  DOY=81  DOY=81  SMM Pointing: N16W09  DOY=81  DOY=81  SMM Pointing: N16W09  DOY=81				length=137		Exp #=86379	Rast=265"x265"	Step=5"	Pitch=-322'	", Yaw=-178"
DOY=81 Peak End times HaClass=SF N13W05 Oual=00 O3:11 O3:15 CaPeak.c/s=20 Qual=0 Oy+81  DOY=81 SMM Pointing: N16W08  AR5409  Rast=240"x2 Rast=180"x1 Rast=180"x1 Rast=180"x1 Rast=180"x1 Rast=180"x1 Rast=180"x1 Rast=180"x1 Rast=180"x1 Rast=180"x1 Rast=180"x1 Rast=240"x2 Op:15 Op:15 Op:15 Op:15 Op:14 Op:23 Op:14 Op:24 Op:15 Op:14 Op:25 Op:14 Op:25:14 Op:25:05 Peakc/s=295 Oual=0 Op:07:07 Op:07:					89/03/2					
03:11 03:15 CaPeak.c/s=20 Qual= 5 FePeak=03:11 FePeak.c/s=  Mavelength=2788A Exp #=86401 Rast=180"x1  D0Y=81 SMM Pointing: N16W08 AR5409 Mac.=DKI  D5:15 05:31 Importance=C6 Qual=01 Tot Cts=14088 MaxkeV=187  D5:15 05:37 CaPeak.c/s=295 Qual=01 FePeak=05:14 Rast=240"x2  Mavelength=2788A Exp #=86404 Rast=180"x1  SMM Pointing: N16W09 Peak  Qual=06  O6:51:41 06:52:05 Peakc/s=47 Qual=01 Tot Cts=243 MaxkeV=102  O7:07 07:07 07:10 CaPeak.c/s=47 Qual=01 FePeak=07:07 Rast=240"x2  Rast=240"x2  Rast=240"x2  Ract=240"x2  Ract=240"x2  Ract=240"x2  Ract=240"x2  Ract=240"x2  Ract=180"x1  Ract=180"x1  Ract=180"x1  Ract=180"x1  Ract=180"x1  Ract=180"x1  Ract=240"x2  Ract=240"x2  Ract=180"x1  Ract=240"x2  Ract=240"x2  Ract=240"x2  Ract=180"x1  Ract=240"x2	ł	81 End	times	:	NI3WOS	AR5409	Mac.=DKI	Carr.Lon.	=137deg	H.Ang=21deg
DOY=81  SMM Pointing: N16W08  Peak  HaClass=SF N17W08  O5:15 05:31  Importance=C6 Qual=01  O5:15 05:37  CaPeakC/s=295 Qual= 1 FePeak=05:14  Navelength=2788A  Exp #=86404  Rast=180"x1  Mavelength=2788A  Exp #=86404  Rast=180"x2  MaxkeV=187  CaPeakC/s=295 Qual= 1 FePeak=05:14  Rast=240"x2  N16W09  Peak  Exp #=86404  Rast=180"x1  Rast=180"x1  Rast=180"x1  O0:51:41 O6:52:05 PeakC/s=44 Qual=01  O0:51:41 O6:52:05 PeakC/s=47 Qual=01  Exp #=86404  Rast=180"x1  Rast=240"x2  Rast=240"x2  Rast=240"x2  Exp #=86406  Rast=240"x2  Rast=240"x2  Rast=240"x2  Rast=240"x2	03:10 03	03:1	2	CaPeak.c/s=20	Qual=00 Qual= 5	FePeak=03:11	FePeak.c/s=6 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=908100 1.024s/pixel
DOY=81  Peak End times  HaClass=SF N17W08 AR5409 Mac.=DKI  D05:15 05:31 Importance=C6 05:13-03 05:15.26 PeakC/s=295 04al=01 D05:14 05:37 CaPeakC/s=295 04al=01 Fepeak=05:14 Rast=240"x2 Wavelength=2788A Exp #=86404 Rast=180"x1  Peak End times  Qual=06 06:51:41 06:52:05 PeakC/s=44 Qual=01 Peak Exp #=86404 Rast=180"x1  Qual=06 06:51:41 06:52:05 PeakC/s=47 Qual=01 Peak Exp #=86404 Rast=180"x1 Peak Peak Peak Peak Peak Peak Peak Peak				Wavelength=2788A		Exp #=86401	Rast=180"x1"		Pitch=-176	6", Yaw=-56"
Peak End times  HaClass=SF N17W08 AR5409 Mac.=DKI  D5:15 05:31 Importance=C6 Qual=O1  D5:14 05:37 CaPeak.c/s=295 Qual= 1 FePeak=O5:14 FePeak.c/s=  D5:14 05:37 CaPeak.c/s=235 Qual= 1 FePeak=O5:14 FePeak.c/s=  Wavelength=2788A  Exp #=86404 Rast=180"x1  Rast=180"x1  Peak End times  Qual=O6  O6:51:41 O6:52:05 Peakc/s=44 Qual=O1  O7:07 07:10 CaPeak.c/s=47 Qual= 1 FePeak=O7:07 FePeak.c/s=  Rast=240"x2  Rast=240"x2  Rast=240"x2  Rast=240"x2	vent # = 11004 89/03/22,05:15 DDY			Pointing	N16W08		Pitch=-305", Yaw=-255"	/=-255", Rol	,Roll=-20deg	H.Ang=24deg
15:11 05:15 05:31 Importance=Lb Qual=01 Tot Cts=14088 MaxkeV=187 CaPeakc/s=295 Qual=01 Tot Cts=14088 MaxkeV=187 FePeakc/s=245 Qual= 1 FePeak=05:14 FePeakc/s=240"x2 Sill 05:14 05:37 CaPeak.c/s=235 Qual= 1 FePeak=05:14 FePeak.c/s=240"x2 Sill 05:14 05:37 Sill 06:51:33 06:51:41 06:52:05 Peakc/s=44 Qual=06 Sill MaxkeV=102 Sill 06:51:33 06:51:41 06:52:05 Peakc/s=47 Qual= 1 FePeak=07:07 FePeak.c/s=06:44 07:07 07:10 CaPeak.c/s=47 Qual= 1 FePeak=07:07 FePeak.c/s=06:44 07:07 07:10 CaPeak.c/s=47 Qual= 1 FePeak=07:07 Past=180"x1 Sill 06:51:31 06:51:41 06:52:05 Peakc/s=47 Qual= 1 FePeak=07:07 Past=180"x1 Sill 06:51:51 Sill 06:52:05 Peakc/s=47 Qual= 1 FePeak=07:07 Past=180"x1 Sill 06:51:51 Sill 06:52:05 Peak.c/s=47 Qual= 1 FePeak=07:07 Past=180"x1 Sill 06:51:51 Sill 06:51 Sill	Start Pee	E	: I mes	HaClass=SF	N17W08	AR5409	Mac.=DKI	Carr.Lon.=139deg	=139deg	H.Ang=25deg
## ## ## ## ## ## ## ## ## ## ## ## ##	55:11 55:12:01 55:11	05:3 05:1 05:3	5:26	<pre>Importance=Cb Peakc/s=295 CaPeak.c/s=235</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=14088 FePeak=05:14	MaxkeV=187 FePeak.c/s=63	#Peaks=1 Sten=15"	dt= 3.8s X Cad= 262s 1	XEN=908101 1.024s/pixel
# = 11005 22,07:07 DOY=81 SMM Pointing: N16W09 Pitch=-300" Start Peak End times Qual=06 Qual=06 Tot Cts=243 MaxkeV=102 06:51:33 06:51:41 06:52:05 Peakc/s=44 Qual=01 Tot Cts=243 MaxkeV=102 06:51:33 06:51:41 06:52:05 Peakc/s=47 Qual= 1 FePeak=07:07 FePeak.c/s=06:44 07:07 07:10 CaPeak.c/s=47 Qual= 1 FePeak=07:07 FePeak.c/s=06:44 07:07 07:10 CaPeak.c/s=47 Qual= 1 FePeak=07:07 FePeak.c/s=480"x1	FCS JVSP 05:33 Radio Frequency(M	MHz)/Flux(s	fu):	Wavelength=2788A 2695/24 4995/310			Rast=180"x1"		Pitch=-168	", Yaw=-77"
O6:51:33 06:51:41 06:52:05 Peakc/s=44 Qual=05 06:54 07:07 07:10 CaPeak.c/s=47 Qual= 1 FePeak=07:07	# = 11005 /22,07:07	Fod	t impo	Pointing	N16W09		Pitch=-300", Yaw	, Yaw=-268", Roll=-20deg	]=-20deg	H.Ang=25deg
A86406 A	36:51:33 06:54	06:5 07:1	2:05	Peakc/s=44 CaPeak.c/s=47	Qual=06 Qual=01 Qual= 1	Tot Cts=243 FePeak=07:07	MaxkeV=102 FePeak.c/s=14 Dac+=240"x240"	#Peaks=3 Sten=15"	dt= 3.8s X Cad= 262s 1	XEN=908102 1.024s/pixel
0/:0) #4xETETIG LIT=Z/00A CAP #-00+00	FCS UVSP 07:07			Wavelength=2788A		Exp #=86406	Rast=180"x1"			'', Yaw=-90"

89/03/22,08:22 Start	DOY≖81 Peak	End times							
GOES BCS 08:18 FCS	08:22	08:27	CaPeak.c/s=35	Qual=01 Qual= 1	FePeak=08:22	FePeak.c/s=10			XEN=908103
UVSP 08:41 Radio Sweeps	•	Type/Intensity:	Wavelength=2788A III/2	-	Exp #=86408	kast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s	1.024s/pixel ",Yaw≖-103"
nt # = 11006 03/22,08:43 Start	00Y=81	Fnd times	SMM Pointing:	N16W10		Pitch=-295", Yaw	, Yaw=-281", Rol	, Roll=-20deg	H.Ang=25deg
GOES 08:40 01 HXRBS 08:41:30 01 BCS 08:42 01	08:43 08:43	09:01 08:42:23 08:45	<pre>Importance=C3 Peakc/s=65 CaPeak.c/s=64</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=731 FePeak=08:43	MaxkeV=102 FePeak.c/s=20		dt= 3.8s	XEN=908104
08:41			Wavelength=2788A	Code=00	Exp #=86408	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-158	Cad= 262s 1.024s/pixel Pitch=-158",Yaw=-103"
Event # = 11007 89/03/22,10:16 Start	D0Y=81	End times	SMM Pointing:	N16W11		Pitch=-290", Yaw	, Yaw=-293", Rol	, Roll=-20deg	H.Ang=25deg
ica]			HaClass=1N HaClass=SF	N18W06 N11W00	AR5409 AR5411	Mac.=DKI	Carr.Lon.=134deg Carr.Lon.=128deg		H.Ang=26deg H.Ang=18deg
HXRBS 10:11:10 BCS 09:23	10:11:53	10:12:13 10:18	Peakc/s=56 CaPeak.c/s=331	Vual=02 Qual=01 Qual= 2	Tot Cts=408 FePeak=10:16	MaxkeV=102 FePeak.c/s=46		dt= 7.7s	XEN=908105
	0:13 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 410/150		Exp #=86410	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s	1.024s/pixel ",Yaw=-115"
Event # = 11008 89/03/22,11:15 Start	DOY=81 Peak	End times	SMM Pointing:	N16W12		Pitch=-285", Yaw	, Yaw≍-306", Roll=-20deg	]=-20deg	H.Ang=26deg
cal 11:12	11:15		HaClass=SN Importance=M1	N17W12 Oual=01	AR5409	Mac.=DKI	Carr.Lon.=140deg	=140deg	H.Ang=27deg
HXRBS 11:11:58 BCS 10:56 FCS	11:14:18 11:15	11:15:41 11:50	Peakc/s=162 CaPeak.c/s=355	Qual=01 Qual= 1	Tot Cts=4911 FePeak=11:15	MaxkeV=144 FePeak.c/s=65	Flags=M5 #Peaks=2	dt= 7.7s	XEN=908106
_		; ; ;	Wavelength=278	ssociated	Exp #=86411 Event # = 22639	Rast=240"x240" Rast=180"x1" 		Cad= 262s Pitch=-151"	7 Agw
BCS 12:29 FCS	12:30	12:40	eak.c/s=22	Qual= 5	FePeak=12:32	FePeak.c/s=11 Rast=240"x240"		= 7.7s = 262s	XEN=908
12:21			Wavelength=2788A		Exp #=86413	Rast=180"x1"	Step=0"	Pitch=-146"	, Yaw=-132"
Event # = 12320 89/03/22,17:22 Start	DOY=81 Peak	End times	SMM Pointing:	S07E06		Pitch=-3", Yaw=+101"	101", Roll=0deg	Jdeg	H. Ang=6deg
cal 17:08	17:22		HaClass=SF	N20W18	AR5409	Mac.=DKI	Carr.Lon.=142deg	=142deg	H.Ang=32deg
	17:10:17		Peakc/s=48 Mavelength=2788A	Qual=01 Code=00	Tot Cts=506 Exp #=86418	MaxkeV=102 Rast=180"x255"	Flags=I Step=I"	Pitch=+7",Y	, Yaw=+152"
17:19:3	17:19:51	17:20:28	eakc/s=48	Sociated Qual=01	a t	MaxkeV=102		1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS 17:22:50	17.22	70.00.11	AS	sociated	Event # = 11010	1 1 1 1 1 1		1 1 1 1 1	1 1 1 1

Peak End times HaClass=1 19:18	Event # = 11011	18= V00		SMM Pointing:	S07E20		Pitch=+0", Yaw=+3	, Yaw=+335", Roll=0deg	deg	H.Ang≖20deg
19:12:02 19:13:09 Peak(x/s=56 qual=07) 19:12:02 19:12:09 Peak(x/s=57) 19:12:02 19:12:09 Peak(x/s=57) 19:12:02 19:12:09 Peak(x/s=57) 19:12:02 19:12:00 Peak(x/s=57) 19:12:02 19:12:09 Peak(x/s=57) 19:12:02 19:12:00 Peak(x/s=57) 19:12:02 19:12:00 Peak(x/s=57) 19:12:02 19:12:00 Peak(x/s=57) 19:12:02 19:12:00 Peak(x/s=57) 19:12:02 19:12:00 Peak(x/s=57) 19:12:02 19:12:00 Peak(x/s=57) 19:12:02 19:12:00 Peak(x/s=57) 10:12:02 19:12:02 19:12:02 Peak(x/s=57) 10:12:02 19:12:02 19:12:02 10:12:02 10:12:02 10:12:02 10:12:02 10:12:02 10:12	2,19:10 Start	Peak	times		N17W17	AR5409	Mac.=DKI	Carr.Lon.=	140deg	H.Ang=29deg
DOY-82 End times  12.26.10 22.26.17 Peakc/s=57  Wavelength=2788A  12.26.10 22.26.17 Peakc/s=57  Wavelength=2788A  12.26.10 22.26.17 Peakc/s=57  Wavelength=2788A  12.26.10 22.26.17 Peakc/s=57  Wavelength=2788A  12.26.10 22.26.17 Wavelength=2788A  13.26  10.09-82  End times  12.26.10 22.26.10 22.26.17 Wavelength=2788A  13.26  10.09-82  End times  12.26.10 22.26.17 Wavelength=2788A  13.26	19:10 19:11:58 18:47	19:18 19:12	19:31 19:12:09	≴		Tot Cts=114 Exp #=86419	MaxkeV=102 Rast=180"x255"	Step=1"	Pitch=+7",Y	aw=+392"
22:26:10 22:26:17 Peak(5=57) Qual=010 To Cts=148 Rast=180"x255" Step=1" Pitch=+7", Yaw=+872"   89/03/23 DOY=82	t = 11012 22,22:26	D0Y=81		P0	S04E58		Pitch=+0",Yaw=+8	15",Roll=0	deg	H.Ang≖58deg
DOY-82  DOY-82  End times  HaClass=SF N13425  Raxev=102  Bakev=102  Bakev=102  Haxev=102  Haxev=103  Haxev=103  Haxev=103  Haxev=103  Haxev=	Start 22:26:01 21:53			Peakc/s=57 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=148 Exp #=86421	255	Step=1"	Pitch=+7", Y	'aw=+872"
DOY=82         SMM Pointing:         N16W22         AR5409         Pitch=-225", Yaw=-452", Roll=-206g         H-Ang=32deg           Peak         Peak         C/5=50         Qual=0         Tot (ts=355)         AR5409         Mac.=EKI         Carr.Lon.=143deg         H-Ang=32deg           05:42:30         G5:42:40         PeakC/s=50         Qual=0         Tot (ts=325)         FePak.65:44         FePak.65:8-8         FePak.65:8-8         Rast=180"x1"         Step=10"         Fitch=-21"         AssCiated Event # = 2264         FePak.C5:8-8         FePak.65:9-8         FePak.65:9-8         FePak.65:9-8         FePak.65:8-8         FePak.65:8-8 </td <td></td> <td></td> <td></td> <td></td> <td>89/03/53</td> <td></td> <td></td> <td></td> <td></td> <td></td>					89/03/53					
Feak	# = 11013	1			N16W22		Pitch=-225",Yaw	452", Roll	=-20deg	H.Ang=32deg
D5:42:20 05:42:30 05:42:49 Peakc/s=50 Qual=01	Start		time	Ha.	N13W25	AR5409	Mac.=EKI	Carr.Lon.ª	143deg	H.Ang=32deg
Havelength=2788A   Exp #=8643  Rasi=180"xi"   Step=0" Pitch=-91", Yaw=-266"     Havelength=2788A   Fepeak=05:40   Fepeak=0   Fepeak=05:40	)5:42 )5:43	05:42 05:45	05:42:49	Peak. CaPeak	Qual=00 Qual=01 Qual= 1	Tot Cts=325 FePeak=05:44	MaxkeV=102 FePeak.c/s=8 Dact=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=908201 1.024s/pixel
55.40	05.25			Wavelength=2788A			Rast=180"x1"	Step=0"	Pitch=-91"	,Yaw=-266" 
DOY=82         SMM Pointing:         N16W23         Pitch=-220", Yaw=-462", Roll=-20deg           Peak         End times         Qual=06         Tot Cts=159         MaxkeV=102         Rast=180"x1"         Step=0"         Pitch=-86",           DOY=82         Wavelength=2788A         Exp #=86436         FePeak.c/s=12         #Peaks=1 Cad= 262s           Peak         CaPeak.c/s=20         Qual=00         FePeak=09:19         FePeak.c/s=12         #Peaks=1 Cad= 262s           Poy=82         Wavelength=2788A         Exp #=86436         Rast=180"x1"         Step=0"         Pitch=-78",           Poy=82         Mavelength=2788A         Exp #=86436         Rast=240"x240"         Step=0"         Pitch=-7.7s           Peak         End times         Qual=00         FePeak=12:33         FePeak.c/s=12         #Peaks=1         Cad= 262s           Peak         End times         Qual=00         FePeak=12:33         FePeak:0"x240"         Step=0"         Pitch=-86",           12:36         CaPeak.c/s=19         Qual=0         FePeak=12:33         FePeak:0"x240"         Step=15"         Pitch=-68"		05:40	:42	.c/s=21			FePeak.c/s=7 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262	XEN=908200 1.024s/pixel
Peak End times  07:08:34 07:08:52 Peakc/s=41 Qual=01 Tot Cts=159 Rast=180"x1" Step=0" Pitch=-86",  Mavelength=2788A	# = 1101. 23.07:08			SMM P	N16W23		Pitch=-220", Yaw	=-462", Rol	1=-20deg	H.Ang≈32deg
DOY=82 Peak End times  Qual=00 Qual=4 FePeak=09:19 FePeak.c/s=12 #Peaks=1 dt= 7.7s  Qual=0 Qual=4 FePeak=09:19 FePeak.c/s=12 #Peaks=1 dt= 7.7s  Wavelength=2788A Exp #=86436 Rast=180"x1" Step=0" Pitch=-78",  Qual=0 Qual=0 Qual=0 Qual=5 FePeak:c/s=12 #Peaks=1 dt= 7.7s  Rast=240"x240" Step=15" Cad= 262s  Rast=240"x240" Step=15" Cad= 262s  Rast=240"x240" Step=15" Cad= 262s  Rast=180"x1" Step=0" Pitch=-68"	Start 07:08:1 07:00			Peak	Qual=06 Qual=01 A	Tot Cts=159 Exp #=86433	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-86"	, Yaw=-278"
D0Y=82 Peak End times Qual=00 Qual=00 Rast=240"x240" Step=15" Cad= 262s Qual= 5 FePeak=12:33 FePeak.c/s=12 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 262s Exp #=86440 Rast=180"x1" Step=0" Pitch=-68"	# = 2264 /23,09:15 Start 09:14 09:31		End times 09:23	CaPea Wavel			FePeak.c/s=12 Rast=240"x240" Rast=180"x1"			-
Peak End times Qual=00 Qual=00 FePeak.c/s=12 #Peaks=1 dt= 7.7s   12:30 12:36 CaPeak.c/s=19 Qual= 5 FePeak=12:33 FePeak.c/s=12 #Peaks=1 dt= 7.7s   12:30   12:36 CaPeak.c/s=19 Qual= 5 FePeak=12:33 FePeak.c/s=12 #Peaks=1 dt= 7.7s   12:30   12:36   Step=15   Cad= 262s   FePeak.c/s=180   Step=15   Cad= 262s   FePeak.c/s=180   Step=0   Pitch=-68   Fxp #=86440   Rast=180   Step=0   Pitch=-68   Fxp #=86440   Fast=180   Step=0   Fitch=-68   Fxp #=86440   Fast=180   Step=0   Fitch=-68   Fxp #=86440   Fast=180   Fxp #=86440   # = 2264	2 DOV-82		Tables of the state of the stat							
Wavelength=2788A Exp #=86440 Rast=180"x1" Step=0" Pitch=-68"	/23,12.37 Start 12:30	Peak 12:30	End 12:3	_	Qual=00 Qual= 5		FePeak.c/s=12			XEN=908203 1.024s/pixel
	12:39			_	Ą	Exp #=86440	Rast=180"x1"			", Yaw=-320"

DOY=82 Peak 16:28 DOY=82 Peak Peak Peak Peak Peak Peak Peak Peak	imes	HaClass=1N Importance=M1 CaPeak.c/s=236 Wavelength=2788A	N12W27	AR5409	Mac.=EKI	Carr.Lon.≈140deg	.=140deg	H.Ang=33deq
13:54 14:08 14:12 14:11 = 22644 3,16:28 DOY=82 Start Peak 16:27 16:28 16:32 = 11015 = 11015 Start Peak 19:21 19:59 19:30:09 19:40:31 19:36:00 19:40:31	in the second se	HaClass=IN Importance=MI CaPeak.c/s=236 Wavelength=2788A	N12W27	AR5409	Mac.=EKI	Carr.Lon	.≈140deg	H.Ang=33deg
14:12 DOY=82 Peak 16:28 DOY=82 Peak 19:59 19:59	imes imes	CaPeak.c/s=236						
DOY=82 Peak 16:28 16:28 DOY=82 Peak 19:59	ines ines	Mavelength=2788A	Qual= 5	FePeak=14:12	FePeak.c/s=27			~
DOY=82 Peak 16:28 16:28 Poy=82 Peak 19:59	іmes		Code=02	Exp #=86442	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-63"	
Peak 16:28 00Y=82 Peak 19:59 19:40:31	imes							. [
16:28 DOY=82 Peak 19:59 19:40:31	illes							
DOY=82 Peak 19:59 19:40:31	Шеѕ	CaPeak.c/s=24	Qua]=05 Qua]= 5	FePeak=16:29	February C/s=8			
DOY=82 Peak 19:59 19:40:31	mes.	Wavelength=2788A		Exp #=86445	Rast=240"x240" Rast=15"x15"		ut= /./s Cad= 590s Pitch=-18	XEN=908205 1.024s/pixel 3".Yaw=-520"
Peak 19:59 19:40:31	шеѕ	CMM Dointing.	N161120					
19:59 19:40:31 19:55		. 6	00001		Pitch=-180",Yav	, Yaw=-554", Rol	, Roll=-20deg	H.Ang=37deg
19:30:09 19:40:31 19:36:00 19:33		HaClass=3B Importance=12	N18W28	AR5409	Mac.=EKI	Carr.Lon.=138deg	=138deq	H.Ana=37dea
19.33 10.55	42	eakc/s=3318	Qual=04	Tot Cts=1.40E+6	5 MaxkeV=630	Flags=M5.	SN.ES	
00.61	3	CaPeak.c/s=5772	Qual= 1	FePeak=19:52	FePeak.c/s=2261	#Peaks=1		Dur=720sec
<b>⊸</b> 3	-3 <b>×</b> ⊢	/elength=1375A	Code=00	Exp #=86460	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1	1.024s/pixel
Radio Frequency (MHz)/Flux(sfu)		245/180 410/210 1	115/1800	2695/1600 4995/	2695/1600 4995/2700 8800/2500 15400/1100	5400/1100	007	, 188-1-303
Event # = 11016 89/03/23 21:27 DOV-02								
Start Peak End	times	SMM Pointing:	N16W31		Pitch=-176", Yaw	, Yaw=-565", Rol	, Roll=-20deg	H.Ang=38deg
cal		HaClass=1N HaClass=SB	N15W28 N15W32	AR5411 AR5409	Mac.=DA0	Carr.Lon.=137deg		H.Ang=35deg
HXRBS 21:03:36 21:09:49 21: BCS 21:07 21:27 21: FCS	21:48:39 Pe 21:48 Ca	Peakc/s=1690 CaPeak.c/s=1317	Qua]=00 Qua]=04 Qua]= 1	Tot Cts=87764 FePeak=21:26	MaxkeV=320 FePeak.c/s=292	Flags=M5,		n.Aiig=39deg
v 21:27 o Frequency(MHz)/Flux(sfu)	May (sfu): 245	elength=1375A /7900 606/130	1415/89		Rast=180"x180" Rast=10"x10"	Step=10" Cad= 332s Step=0" Pitch=-14	Cad= 332s Pitch=-140"	
t # = 22645 3/23,22:42 DOY=82 Start Peak	End times							
22:40 22:42 23:27	27 CaP	eak.c/s=88	Qual=00 Qual= 5 F	FePeak≖22:41			0 0 1	00000
UVSP 22:43 Radio Sweeps Type/Intensity	Wav sity: III,	velength=1375A I/1	-41		Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	dt- 3.03 A Cad= 262s 1 Pitch=-163",	/EN=908208 1.024s/pixel ,Yaw=-563"

				89/03/24	D0Y=83				
Event # = 11017 89/03/24,02:31	D0Y=83		SMM Pointing:	N16W33		Pitch=-161",Yaw=	,Yaw=-597",Roll	,Roll=-20deg	H.Ang=40deg
Start Optical		End times	HaClass=SF	N15W31	AR5409	Mac.=EKI	Carr.Lon.=137deg	:137deg	H.Ang=38deg
GOES HXRBS 02:27:54 BCS 02:28 FCS 02:38 UVSP 02:35 Radio Frequenc	2:27:54 02:27:58 02:28:1 2:28 02:31 02:35 2:35 Frequency(MHz)/Flux(sfu)		Peakc/s=70 (CaPeak.c/s=60 (Wavelength=2788A 606/3		Tot Cts=230 FePeak=02:31 Exp #=86479	MaxkeV=102 FePeak.c/s=15 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=1.02s Pitch=-24",	XEN=908300 1.024s/pixel ', Yaw=-418"
Event # = 11018 89/03/24,03:32 Start	DOY=83 Peak	End times	SMM Pointing: HaClass=SF	N16W34 N15W31	AR5409	Pitch=-156", Yaw= Mac.=EKI	, Yaw=-608", Roll=-20deg Carr.Lon.=137deg	]=-20deg =137deg	H.Ang=41deg H.Ang≈38deg
GGES HXRBS 03:32:19 UVSP 03:11 Radio Frequen	03:32:19 03:32:42 03:33:23 03:11 Frequency(MHz)/Flux(sfu):		kc/s=78 elength=2788A /1000 410/840	Qual=01 Qual=01 606/210	Tot Cts=507 Exp #=86480	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-22",	., Yaw=-422"
Event # = 11019 89/03/24,05:26	DOY=83	Fnd + imps	SMM Pointing:	N16W35		Pitch=-151", Yaw	, Yaw=-618", Roll=-20deg	]≖-20deg	H.Ang=41deg
GOES HXRBS 05:26:43 UVSP 05:42	. 05:26:51	05:27:05	Peakc/s=54 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=117 Exp #=86483	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-14"	, Yaw=-439"
Event # = 22646 89/03/24,12:39 Start Optical	DOY=83 Peak	End times	HaClass=SF	N12W40	AR5409	Mac.=EKI	Carr.Lon.=141deg		H.Ang=44deg
G0ES BCS 12:39 FCS UVSP 12:30	12:39	12:45	CaPeak.c/s=28 Wavelength=2788A	Qual=05 Qual≈ 5	FePeak=12:40 Exp #=86492	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+6",	xEN=908301 s 1.024s/pixel ",Yaw=-483"
Event # = 22647 89/03/24,14:27 Start Optical GOES BCS 14:17 FCS 14:04	7 D0Y=83 Peak 14:27	End times 15:06	HaClass=1F CaPeak.c/s=50 Wavelength=2788A	N13W29 Qual=03 Qual= 3	AR5409 FePeak=14:25 Exp #=86494	Mac.=EKI FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	Carr.Lon.=129deg #Peaks=1 dt= 3. Step=15" Cad= 2 Step=0" Pitch=	=129deg dt= 3.8s Cad= 262s Pitch=-30",	H.Ang=35deg XEN=908302 1.024s/pixel ,Yaw=-497"
Event # = 22648 89/03/24,16:08 Start Optical GOES BCS 15:52 FCS UVSP 16:33	8 D0Y=83 Peak 16:08	End times 16:42	HaClass=SF CaPeak.c/s=66 Wavelength=2788A	N15W28 Qual=02 Qual= 2	AR5411 FePeak=16:05 Exp #=86497	Mac.=CA0 FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	Carr.Lon.=127deg #Peaks=1 dt= 7. Step=15" Cad= 2 Step=0" Pitch=	=127deg dt= 7.7s Cad= 262s Pitch=-22'	H.Ang=35deg XEN=908303 1.024s/pixel ", Yaw=-512"

											1				1	1			1		
XEN=908304	2.048s/pixel ",Yaw=-689"	H.Ang=49deg	H.Ang≖50deg	,	Dur=240sec XEN=908305	1.024s/pixel ,Yaw=-684"		, Yaw=-696"	H.Ang=49deg	, Yaw=-696"		H.Ang=50deg	XEN=908306	1.024s/pixel ',Yaw=-785"		H.Ang=52deg	XEN=908400	1.024s/pixel, Yaw=-568"	H.Ang=55deg	H.Ang=56deg	, Yaw=-597"
•	Cad=1083s 2 Pitch=-147",	, Roll=-20deg	.=140deg	NS	dt= 3.8s	Cad= 262s Pitch=-81"		 Pitch=-60",	, Roll=-20deg	Pitch=-60",		-135deg		Cad= 262s Pitch=-155"		, Roll=-20deg	dt= 7.7s	Cad=1.02s Pitch=+6",Y	, Roll≖-20deg		Pitch=+21",
•	Step=5 Step=3	, Yaw=-713", Ro	Carr.Lon.≖140deg	Flags=M5,		Step=15" Step=10"	/420 15400/	Step=0"	, Yaw=-713", Rol	Step=0"		Carr.Lon.		Step=15" Step=0"		, Yaw=-746", Rol	#Peaks=1	Step=0" Step=0"	, Yaw=-778", Rol	Carr.Lon.=142deg	Step=0"
FePeak.c/s=7	Rast=115"x115" Rast=15"x15"	Pitch=-149", Ya	Mac.=EKI	MaxkeV=468	FePeak.c/s=199	Kast=240"x240" Rast=150"x150"	4995/440 8800/420 15400/260	xkeV=102  st=10"x10"	Pitch=-149", Ya	MaxkeV=102 Rast=10"x10"		Mac.≖EKI	FePeak.c/s=10	kast=240"x240" Rast=10"x10"		Pitch=-131",Yaw	MaxkeV=187 FePeak.c/s=11	Rast=0"x0" Rast=180"x1"	Pitch=-115", Yaw	Mac.=EKI	MaxkeV=102 Rast=180"x1"
Event # = 22649 FePeak=17:19	Exp #=86498		AR5409	Tot Cts=89879	FePeak=20:30	Exp #=86510	$1415/160\ 2695/230$	774 513		Tot Cts=2493 Exp #=86513		AR5409	FePeak=22:42	Exp #=86524	D0Y=84	_	Tot Cts=412 P FePeak=02:44 F	Exp #=86531 F		AR5409	Tot Cts=165 P Exp #=86538 R
Associated Qual= 5	ď	N18W43	N17W44	Qual=02	Qual≖ 1	1 Code=02	606/150 Sociated	Qual=01	N18W43	Qual=00 Qual=01		N24W40 Oual=03	$0^{-2}$	Code=00	89/03/25	N18W46	Qual=01 Qual=01 Qual= 1	Code=00	N18W49	N16W52	Qual=01
 CaPeak.c/s=46	Wavelength=2788A	SMM Pointing:	HaClass=2B	Peakc/s=1289	CaPeak.c/s=693	Wavelength=1375A	245/2500 410/700	Peakc/s=37 Wavelength=1375A	SMM Pointing:	Peakc/s=69 Wavelength=1375A		HaClass=SF Importance=C3	CaPeak.c/s=49	Wavelength=1375A III/2		SMM Pointing:	Importance=C2 Peakc/s=69 CaPeak.c/s=42	Wavelength=2788A	SMM Pointing:	HaClass=SF	Peakc/s=43 Wavelength=2788A
17:44		Fod + imes	,	7 20:39:13	21:04			20:49:20	End times	20:54:48	End times	22:48	22:43	ntensity:		Fnd times	02:50 02:43:01 02:51		End +:mos		07:49:48
17:19		) D0Y=83 Peak	20:31	20:28:17	20:30	Tvpe/1		20:47:42	D0Y=83 Peak	20:51:57	DOY=83 Peak	22:44	₹.	Type/Intens			02:45 02:42:47 02:44		D0Y=84	3	07:49:19
17:19	17:23	Event # = 11020 89/03/24,20:31 Start	al 20:25	20:24:12	20:25	S. 2		20:46:19 20:44	Event # = 11022 89/03/24,20:51 Start	20:49:47 20:44	Event # = 22650 89/03/24,22:44 Start	ון 22:39	22:39	22:32 Sweeps	1	# = 11023 25,02:45 Start	\$ 02:42 3\$ 02:42:34 02:43	02:30	Event # = 11024 89/03/25,07:49 Start	1 2 2 2	07:49:06 08:05
BCS -	UVSP	Event 89/03,	Optica GOES	HXRBS	BCS S	UVSP Radio	Radio	HXRBS UVSP	Event 89/03/	GOES HXRBS UVSP	Event 89/03/	Optica GOES	BCS FCS	UVSP Radio		89/03/	GOES HXRBS BCS	UVSP	Event 89/03/	Optica GOFS	HXRBS

11:56:37   11:57:40   Peak   Peak   Peak.   Peak   P	Event # = 11025 89/03/25,11:56	D0Y=84	١,	SMM Pointing:	N18W51		Pitch=-105", Yaw	, Yaw=-798", Roll=-20deg		H.Ang≕57deg
19:44   19:52   CaPeak.c/s=21   Qual=01   Exp #=86562   Rast=0.5cs"   Febreak.c/s=7   Febreak.c/s=7   Peaks   CaPeak.c/s=21   Qual=01   Exp #=86562   Rast=0.7cs"   Step=0" Pitch=-70s"   Pitch=-70s	Start OES XRBS 11:55:22 VSP 11:49		End times 11:57:40	c/s=45 ength=2788A	Qual=00 Qual=02	Tot Cts=1100 Exp #=86543	MaxkeV=144 Rast=180"x1"	Flags=SN Step=0"	Pitch=+31",	Yaw=-616"
DOY-84 End times  21:44 21:47 21:44 21:48 21:47 21:44 21:48 21:47 21:44 21:48 21:47 21:44 21:48 21:47 21:44 21:48 21:47 21:48 21:49 21:47 21:49 21:49 21:47 21:49 21:49 21:47 21:49	vent # = 2265. 9/03/25,19:44 ptical OES 19:44 CS 19:46	DOY=8 Peak 19:44	time 52	Class=SF Peak.c/s=21 velength=1375A	N21W62 Qual=00 Qual= 4	AR5409 FePeak=19:44 Exp #=86552	Mac.=EKI FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	Carr.Lon. #Peaks=1 Step=0" Step=5"	7s 02s -76"	H.Ang=67deg XEN=908401 1.024s/pixel , Yaw=-823"
DOY=84 End times  HaClass=SF N14W57 AR5409 Mac.=EKI Carr.Lon.=1  Qual=00  22:58 23:01 CaPeak.c/s=27 Qual= 4 FePeak=22:58 Rast=0"X0" Step=0" Capeak.c/s=27 Qual= 4 FePeak=22:58 Rast=70"X70" Step=5" Pak=22:58 Limportance=64 Qual=01  DOY=85 End times  DOY=85 End times  DOY=85 SMM Pointing: N18W59 Exp #=86574 Rast=180"X1" Step=0" FePeak End times  DOY=85 SMM Pointing: N18W59 Peak  DOY=85 SMM Pointing: N18W59 Peak  DOY=85 SMM Pointing: N18W59 Peak  DOY=85 End times  Qual=01 Tot Cts=520 MaxkeV=102  Qual=01 Tot Cts=520 MaxkeV=102  Rast=180"X1" Step=0" In the capeak Companies of the capeak Capeak Companies Capeak Companies Capeak Companies Capeak Companies Capeak Companies Capeak Companies Capeak Companies Capeak Capeak Companies Capeak Cap	vent # = 2265 19/03/25,21:45 Start 10ES 21:40 8CS 21:42 FCS 21:35	DOY=8 Peak 21:45 21:44	End times 21:48 21:47	Importance=C2 CaPeak.c/s=25 Wavelength=1375A	Qual=01 Qual= 1 Code=00	FePeak=21:42 Exp #=86565	FePeak.c/s=8 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-129	XEN=908402 1.024s/pixel ", Yaw=-843"
SMM Pointing: NI8W58	Event # = 2265 89/03/25,22:58 0ptical GOES BCS 22:58 FCS 22:54	DOY= Peak 22:5	, –	Ha CaPea Wavel	N14W57 Qual=00 Qual= 4	AR5409 FePeak=22:58 Exp #=86571	Mac.=EKI FePeak.c/s=9 Rast=0"x0" Rast=70"x70"	Carr.Lon. #Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-131	H.Ang=60deg XEN=908403 1.024s/pixe1 ", Yaw=-848"
DOY=85  Peak End times HaClass=SF OO:50.50 00:51:19 Peak End times  Mavelength=2788A  OO:50:50 00:51:19 Peak  DOY=85  OO:50:50 00:51:19 Peak  DOY=85  OO:50:50 00:51:19 Peak  DOY=85  OO:50:50 00:51:19 Peak  DOY=85  OO:50:50 00:51:19 Peak  DOY=85  OO:50:50 00:51:19 Peak  DOY=85  OUAl=01  Exp #=86574  Potch=-74", Yaw=-851", Roll=-1  RaxkeV=102  RaxkeV=102  RaxkeV=102  RaxkeV=102  Raym=-861", Roll=-  Potch=-68", Yaw=-861", Roll=-  Oual=00  O					89/03/2					
= 11027 Start Peak End times SMM Pointing: N18W59 02:38 D0y=85 End times Qual=00 Tot Cts=520 MaxkeV=102 Wavelength=2788A End times SMM Pointing: N18W59 6,03:41 03:41:30 03:41:46 03:42:14 Peak c/s=114 Qual=01 Tot Cts=695 MaxkeV=144  O3:41:30 03:41:46 03:42:14 Peak c/s=114 Qual=01 Tot Cts=695 MaxkeV=144  SMM Pointing: N18W59 Gyal=00 Tot Cts=695 MaxkeV=144 Start Peak c/s=114 Qual=01 Tot Cts=695 MaxkeV=144 Start Peak c/s=114 Qual=01 Tot Cts=695 MaxkeV=144 Start Peak c/s=114 Qual=01 Tot Cts=695 MaxkeV=144 Step=0"	Event # = 110 89/03/26,00:5 Start Optical GOES 00:49 HXRBS 00:50: UVSP 01:47	kn 01	End time 00:58 00:51:19	SMM Ha. Imp Pea	Z Z00	Tot	Pitch=-74", Yaw Mac.=EKI MaxkeV=102 Rast=180"x1"	=-851",Rol Carr.Lon Step=0"	]=-20deg .=145deg Pitch=+66'	H.Ang=62deg H.Ang=68deg ',Yaw=-676"
<pre>t # = 11028 3/26,03:41</pre>	5; St.	D0Y=8 Peak 02:38	En 29 02		I .	Tot	Pitch=-68", Yaw MaxkeV=102 Rast=180"x1"	/=-861",Rol Step=0"	]=-20deg Pitch=+68	H.Ang=64deg ", Yaw=-679"
. / S   C   V S   - / / 7	s s	28 1 DOY=85 Peak 30 03:41:	End time: 46 03:42:14 /Flux(sfu):	· co	N18W59 Qual=00 Qual=01A	Tot	Pitch=-68", Yav MaxkeV=144 Rast=180"x1"	v=-861", Rol Step=0"	]=-20deg 	-20deg H.Ang=64deg Pitch=+70", Yaw=-682"

Event # = 11									
89/03/26,09:00 Start	00 D0Y=85 Peak	Fnd times	SMM Pointing:	N18W63		Pitch=-53".Ya	.Yaw=-884" Roll=_20deg	]=_20dea	L Annual L
Optical 60ES 08:54	00:60	0:60	HaClass=SF Importance=C2		AR5409	Mac.=EKI	Carr. Lon	Carr. Lon.=140deg	n. Ang≃ovueg H. Ang≈68deg
HAKBS 08:55:33 BCS 08:56 FCS	08:56 08:58	:17 08:57:12 09:03	Peakc/s=143 CaPeak.c/s=60	Qual=01 Qual= 1	Tot Cts=3391 FePeak=08:57	MaxkeV=144 FePeak.c/s=21			60000 FNUX
UVSP 08:56			Wavelength=2788A	A Code=00	Exp #=86583	Rast=240"x240 Rast=180"x1"	" Step=15" Step=0"	Cad= 262s Pitch=+83"	1.024s/pixel   Yaw=-701"
Event # = 22654 89/03/26,12:08 Start	554 38 DOY=85 Peak	End times	5						
40ES BCS 12:06 FCS	12:08	12:09	CaPeak.c/s=28	Qual=00 Qual= 1	FePeak=12:07	FePeak.c/s=9	#Peak=	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, october 1
UVSP 12:03			Wavelength=2788A	er	Exp #=86587	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+89"	1.024s/pixel
Event # = 22655 89/03/26,13:13 Start	.55 3 D0Y=85 Peak	End times					-		77 /
Optical GOES 12:52 BCS 12:52	13:13	13:25	HaClass=2N Importance=M7	N11W66 Oual=02	AR5409	Mac.=EKI	Carr.Lon.=140deg	=140deg	H.Ang=68deg
FCS 12:49 UVSP 13:37	Ω	3:4 4	CaPeak.c/s=231 Wayelenuth=27884		FePeak=12:56	FePeak.c/s=50 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=908502
Event # = 226	56		00/1		rxp #≖86389	Rast≖180"x1"		Pitch=+93"	Yaw=-716"
×	1 DOY=85 Peak	End times							
Optical GOES		) -	HaClass=1F	i.	AR5409	Mac.=EKI			
BCS 14:21 FCS	14:31	15:16	CaPeak.c/s=154	Qual= 4	FePeak=14:24	FePeak.c/s=22			YEN-000502
UVSP 14:13			Wavelength=2788A		Exp #=86590	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s Pitch=+94",	
Even+ # - 1103	c			89/03/27	) D0Y=86				
89/03/27,03:17 \$tart	, D0Y=86 Peak	End times		N18W72	3	Pitch=-18", Yaw=	, Yaw=-933", Roll=	, Roll=-20deg	H. Ang=76dea
GOES 03:11	03:17	03:3	HaClass=1F Importance=M4	S28W00 0ual=03	AR5417	Mac.=EAI	Carr.Lon.=66deg		H.Ang∗21deq
UVSP 03:35	. 60	03:1	1 88A	Qual=01	Tot Cts=28676 Exp #=86627	MaxkeV=187 Rast=180"x1"	Step=0"	Pi+ch=+120"	Value 75.1 ii
Event # = 22657 89/03/27,07:28 Start	7 D0Y=86 Peak	End times							TC/MDI
GOES BCS 07:27 FCS	07:28	07:31	CaPeak.c/s=27	Qua]=06 Qua]= 4	FePeak=07:27	Febrak C/c=X	#000/co0#	1 1 1	
UVSP 07:15			Wavelength=2788A	_	Exp #=86632	Rast=0"x0" Rast=180"x1"		ut= /./s X Cad=1.02s 1 Pitch=+126".	XEN=908600 1.024s/pixel '.Yaw=-758"
								•	

Event # = 11032 89/03/27.11:22	00¥±86		SMM Pointing:	N18W75		Pitch=-8", Yaw=-943"	943", Koll=-20deg	Zudeg	n.Ang-/oueg
Start	Peak	Jes		N12W77	AR5409	Mac.=EKI	Carr.Lon.=	=139deg	H.Ang=79deg
GDES 11:18 HXRBS 11:19:40 BCS 11:18	11:22 11:19:58 11:21	11:24 11:20:36 11:27	Importance=C2 Peakc/s=91 CaPeak.c/s=44		Tot Cts=1581 FePeak=11:21	MaxkeV=144 FePeak.c/s=13 Rast=0"x0"	#Peaks=1 Step=0"		XEN=908601 1.024s/pixel
	7) ( = 11m) ···		Wavelength=2788A	Code=00	537	Rast=180"x1"			, Yaw=-764"
Kadio Frequency 	Frequency(MHZ)/Flux(Slu) 	י ויט י	243/020 410/010  Peakc/s=48	sociated Qual=01	Event # = 11031 Tot Cts=99	MaxkeV=102	1	1	
Event # = 11690 89/03/27.12:12	D0Y=86	1	SMM Pointing:	N18W75		Pitch=-8", Yaw=-943"	, Ro 1.1	=-20deg	H.Ang=78deg
Start Stical	Peak	End times	HaClass=SF	N12W78	AR5409	Mac.=EKI	Carr.Lon.=139deg	139deg	H.Ang=80deg
GOES HXRBS 12:08:34 BCS 12:04	12:09:19 12:12	12:11:04 12:49	Peakc/s=56 CaPeak.c/s=50	Qual=01 Qual= 1	Tot Cts=974 FePeak=12:11	MaxkeV=102 FePeak.c/s=10 past=240"x240"	Flags=I #Peaks=2 Step=15"	dt= 3.8s X Cad= 262s 1	XEN=908602 1.024s/pixel
FCS UVSP 11:55 Radio Frequen	cy (MHz)/	11:55 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 245/600 410/330		Exp #=86638	Rast=180"x1"		Pitch=+133'	, Yaw=-765"
Event # = 22658 89/03/27,16:44 Start	) D0Y=86 Peak	End times		,					
GOES BCS 16:43	16:44	17:40	CaPeak.c/s=81	Qual=05 Qual= 5	FePeak=16:45	FePeak.c/s=12	#Peaks=1 Sten=15"	dt= 3.8s X Cad= 262s 1	XEN=908603 1.024s/pixel
CS VSP 16:34			Wavelength=2788A		Exp #=86644	Rast=180"x1"	Step=0"	Pitch=+140	", Yaw=-770"
Event # = 22659 89/03/27,19:47 Start	) D0Y=86 Peak	End times					-	2 POP 5	COLAC D
Optical GOES 19:41		19:50	HaClass=SF Importance=C5 CaPeak.c/s=78	N15W83 Qual=05 Qual= 1	AR5409 FePeak=19:51	Mac.=EKC FePeak.c/s=18		=140aey dt= 3.8s	XEN=908604
13		?	Wavelength=1375A		Exp #=86647	Rast=240"x240" Rast=265"x265"	Step=15 Step=5"	Cad= 262s Pitch=+18"	1.0245/plxel , Yaw=-945"
Event # = 22660 89/03/27,23:07 Start	0 D0Y=86 Peak	End times							
GOES BCS 23:03	23:07	23:16	CaPeak.c/s=71	Qual=01 Qual= 1	FePeak=23:07	FePeak.c/s=12	#Peaks=1	dt= 3.8s Cad=3840s	XEN=908605 3840s/pixel
CS IVSP 23:00			Wavelength=1375A		Exp #=86666	Rast=70"x70"	Step=5"	Pitch=+387	", Yaw=-102"
Event # = 11033 89/03/27,23:17	3 D0Y=86	+ 75	SMM Pointing:	\$27W12		Pitch=+377",Yaw=-58"	w≖-58",Roll	,Roll≖-20deg	H.Ang=23deg
Start GOES HXRBS 23:17:10	23:17	tl 23:1	Peakc/s=56 Wavelenoth=1375A	Qual=00 Qual=01	Tot Cts=480 Exp #=86666	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=+387"	", Yaw=-102"

					89/03/28	28 DOY=87				112
Event	Event # = 22661 89/03/28,00:43 Start	1 D0Y=87 Peak	Fnd times							
GOES	;			_	טוים בויט					
BCS FCS	00:41	00:43	00:48	CaPeak.c/s=36	Qual* 1	FePeak=00:42	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=908700
UVSP	00:34			Wavelength=1375A		Exp #=86668	Kast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=3840s Pitch=+316",	3840s/pixel ",Yaw=-88"
	/# = 22662 //28,01:00 Start	D0Y=87	End times	1						
BCS FCS	00:56 00:56	00:100 00:59	01:03 01:07	Importance=C4 CaPeak.c/s=174	Qual=01 Qual= 1	FePeak=00:59	FePeak.c/s=37	#Peaks=1	dt= 3.8s	XEN=908701
UVSP	00:34			Wavelength=1375A	Code=00	Exp #=86668	Kast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=3840s Pitch=+316",	3840s/pixel ', Yaw=-88"
Event 4 89/03/2	Event # = 11034 89/03/28,02:35 Start	00Y=87	Fnd + imp	SMM Pointing:	S27W14		Pitch=+386", Yaw=-80"	w=-80", Roll=	, Roll=-20deg	H.Ang=24deg
Optical GOES	02:30	02:35	02:37	HaClass=1N Importance≖C5	N17W85			Carr.Lon.=138deg	*138deg	H.Ang=87deg
HXRBS UVSP Radio S	02:30:23 02:52 Sweeps	05	02:34:06 tensity:	Peakc/s=64 Wavelength=2788A III/3	Qual=01	Tot Cts=1431 Exp #=86670	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+268"	, Yaw=+99"
Event # 89/03/2	Event # = 11035 89/03/28,07:16 Start	DOY=87 Peak	End times	SMM Pointing:	S27W16		Pitch=+399", Ya	, Yaw=-113", Roll	, Roll=-20deg	H.Ang≈26deg
GOES HXRBS UVSP	07:16:14 07:32	07:16:23	_	Peakc/s=58 Wavelength=2788A	Qual=06 Qual=01	Tot Cts=194 Exp #=86676	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+281"	,Yaw=+66"
Event # 89/03/2	= 11036 8,10:37 Start	00Y=87	Food +	SMM Pointing:	S27W18		Pitch=+409", Yaw	, Yaw=-136", Roll	, Roll=-20deg	H.Ang=27deg
GOES HXRBS UVSP Radio Sv	10:16 10:27:20 10:38 5 Sweeps	222	10:53 10:54:09 10:44:09 tensity:	Importance=M4 Peakc/s=599 Wavelength=2788A V/2	Qual=04 Qual=01 Code=02	Tot Cts=1.08E+5 Exp #=86680	MaxkeV=231 Rast=180"x1"	Flags=M5 Step=O"	290"	, Yaw=+44"
Event # 89/03/2	Event # = 11691 89/03/28,15:16 Start	DOY=87 Peak	Fnd + imps	SMM Pointing:	S27W21		Pitch=+422", Yaw	, Yaw=-168", Roll	, Roll=-20deg H	H. Ang=28deg
GOES HXRBS UVSP	15:16:33 15:17		15:20:37	Peakc/s=82 Wavelength=2788A	Qua]=00 Qua]=02	Tot Cts=4600 Exp #=86686	MaxkeV=187 Rast=180"x1"	Flags=I,SA Step=0"	oitch=+304"	,Yaw=+12"
vent # 39/03/28	Event # = 11037 89/03/28,16:53 Start	D0Y=87 Peak	End times	SMM Pointing:	\$27W21		Pitch=+427", Yaw	, Yaw=-179", Roll:	, Roll=-20deg H	H. Ang=29deg
GOES HXRBS 1 UVSP 1		16:53:32	16:55:05	Peakc/s=55 Wavelength=2788A	Qua]=00 Qua]=02	Tot Cts=1062 Exp #=86688	MaxkeV=144 Rast=180"x1"	Flags*SA Step=0" F	Pitch=+308",Yaw=+1"	Yaw=+1"

19.49   100   10	= 11038				CONECO		Pitch=+436".Yaw	. Yaw=-200", Roll=-20deg	H.Ang=30deg
19:25   19:49   21:32	8,19:49 Start	0Y=87 eak	times	SMM Pointing:	32/WC3	AR5411	Mac.=HAX	Carr.Lon.=132deg	H. Ang=90deg
19:24:5 19:49 21:32   Paper.tance. Qual=00   Exp #=86697   Raxev=144   19:39   Paper.tance. Gr=46   Qual=00   Exp #=86697   Raxev=144   19:39   Paper.tance. Gr=46   Qual=00   Exp #=86697   Raxet=10'x10'x10's13: 9:39   Paper.tance. Gr=46   Qual=00   Exp #=86697   Raxet=10'x10'x10's13: 9:39   Paper.tance. Gr=46   Paper.tance				HaClass=IN HaClass=SF	S19409	AR5421		Carr. Lon. =53deg	H.Ang≖l5deg
## 11040    Pitch = 1440",   Pitch = 144	S 19:25 1 BS 19:24:53 1 P 19:39 lio Frequency	9:49 9:27:47 (MHz)/F	21:32 19:40:02 lux(sfu):	Importance=M2 Peakc/s=146 Wavelength=1375A 2695/60	\ual=02 \ual=03 Code=00	Tot Cts=15198 Exp #=86697	MaxkeV=144 Rast=10"x10"	Flags=M5,ES Step=0" Pitch=+416",	", Yaw=-197"
116:52   21:17:31   21:18:47   Peak c/s=68   Qual=00   Tot Cts=445   Raxtey=102   Avelength=1375A   Qual=03   Tot Cts=445   Raxtey=102   Avelength=1375A   Qual=01   Tot Cts=358   Raxtey=102   Avelength=1375A   Qual=01   Tot Cts=358   Raxtey=102   Avelength=1375A   Qual=01   Tot Cts=358   Raxtey=102   Avelength=1375A   Avelength=	int # = 11040 03/28,21:17 [	00Y=87		Pointing:	S27W24		Pitch=+440", Yaw	=-210", Roll=-20deg	H.Ang=30deg
# = 11039 py=87	itart 21:16:52 21:11	eak 21:17:31	End time: 21:18:47	c/s=45 elength=1375A	Qual=00 Qual=03	Tot Cts=445 Exp #=86706	MaxkeV=102 Rast=10"x10"	Flags=ES Step=0" Pitch=+470"	)", Yaw=-278"
Start Peak End times  Qual=00  22:52:48 22:53:03 22:53:15 Peakc/s=68  Qual=01  Z2:45  Z2:4	# = 11039 /28,22:53	D0Y=87	-	SMM Pointing	S27W25		Pitch=+445",Yaw	/=-220", Roll=-20deg	H.Ang≖3ldeg
# = 11041 Sym Pointing: \$27w35  # = 11041 Dy=88    22   17:48	Start 22:52:48 22:45	Peak 22:53:03	End time 22:53:15	Peak	Qual=00 Qual=01	Tot Cts=358 Exp #=86715	MaxkeV=102 Rast=10"x10"	Step=0" Pitch=+405"	5", Yaw=-258"
# = 11041 29,17:48					89/03/29				
Start Peak End times HaClass=SF S23E90 AR5428 Mac.=DKI 17.42	# = 11041	88=700		۵	S27W35		Pitch=+498",Ya	w≃-341",Roll=-20deg	H.Ang=39deg
17:42   17:48   17:51	Start	Peak	times	Ha.	\$23E90	AR5428	Mac.≖DKI	Carr.Lon.=302deg	H.Ang=87deg
# = 11042 Start Peak End times  # = 11042 Start Peak End times    31,043.50   03:50.40   03:50.48   Peakc/s=44   Qual=01   Tot Cts=432   Rast=30"x3(03:49:50   03:50:40   03:50:48   Peakc/s=44   Qual=01   Tot Cts=432   Rast=30"x3(03:49:50   03:50:40   03:50:48   Peakc/s=44   Qual=01   Tot Cts=432   Rast=30"x3(03:49:50   03:50:4:00   04:02   Importance=C2   Qual=01   Tot Cts=555   MaxkeV=102   O3:56:31   O3:57:22   O3:58:27   Peakc/s=41   Qual=01   Tot Cts=555   MaxkeV=102   O3:56:31   O3:57:22   O3:58:27   Wavelength=1375A   Code=00   Exp #=86774   Rast=30"x3   O3:56:41   Peak   End times   Cts=1509   MaxkeV=144   Cts=1509   Cts=1509   MaxkeV=144   Cts=1509   Cts=1509   Cts=1509   Cts=1509   Cts=1509   Cts=150   Cts=1509   Cts=150   Ct	17:42 17:44:5 17:42	:48 :46:2	17:51 17:50:17	Importance=C4 Peakc/s=117 Wavelength=2788A	Qual=06 Qual=04 Code=00	Tot Cts=5310 Exp #=86744	MaxkeV=102 Rast=180"x1"	Flags=SA,ES Step=0" Pitch=+378"	8", Yaw=-158"
= 11042 Start Peak End times Start Peak End times Start Peak End times Start Peak End times  0,03:52 Start Peak End times  03:49:50 03:50:40 04:104 04:104 04:10:07 0	Į.				89/03/3				
Start Peak End times HaClass=SN S26E82 AR5428 Mac.=DKI Qual=01 Tot Cts=432 MaxkeV=102 Qual=01 Tot Cts=432 MaxkeV=102 Qual=01 Tot Cts=432 MaxkeV=102 Qual=01 Tot Cts=432 MaxkeV=102 Qual=01 Tot Cts=432 MaxkeV=102 Qual=01 Tot Cts=6774 Rast=30"x3(Qual=01 Doy=89 End times Importance=C2 Qual=01 Tot Cts=555 MaxkeV=102 Qual=01 Qual=01 Tot Cts=555 MaxkeV=102 Qual=01 Tot Cts=555 MaxkeV=102 Qual=01 Tot Cts=555 MaxkeV=103 Qual=01 Tot Cts=555 MaxkeV=104 Qual=01 Tot Cts=555 Peakc/s=41 Qual=01 Tot Cts=555 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=01 Tot Cts=1509 MaxkeV=144 Qual=Qual=Qual=Qual=Qual=Qual=Qual=Qual=	ent # = 11042	00 ×= 8		Pointing	S18E88			=+960", Roll=-20deg	H.Ang=86deg
03:47 03:52 03:54 Importance=C2 Qual=01 Tot Cts=432 Maxkev=102 03:48 Peakc/s=44 Qual=01 Tot Cts=432 Rast=30"x3(03:48) 03:50:40 03:50:48 Peakc/s=44 Qual=01 Tot Cts=432 Rast=30"x3(03:48) DOY=89 End times Importance=C2 Qual=01 Tot Cts=555 Maxkev=102 03:56:31 03:57:22 03:58:27 Peakc/s=41 Qual=01 Tot Cts=555 Maxkev=102 03:56:31 03:57:22 03:58:27 Mayelength=1375A Code=00 Exp #=86774 Rast=30"x3 Maxkev=144 DOY=89 Start Peak End times SMM Pointing: \$18E88 Pitch=-36" Rast=30"x3 04:19 DOY=89 Rast=30"x3 Qual=00 Tot Cts=1509 Maxkev=144 DOY=19:07 04:19:41 04:20:24 Peakc/s=87 Qual=01 Tot Cts=1509 Maxkev=144 Rast=30"x3 03:30"x3 DOY=10:07 04:19:41 04:20:24 Peakc/s=87 Qual=01 Tot Cts=1509 Maxkev=144 Rast=30"x3 03:30"x3 DOY=102	Start Start	Peak	E E	Ħa	\$26E82	AR5428	Mac.=DKI	Carr.Lon.=304deg	H.Ang≐80deg
# = 11043 30,04:00 DOY=89 Start Peak End times SMM Pointing: S18E88 Pitch=-36" 03:56 04:00 04:02 Importance=C2 Qual=01 Tot Cts=555 MaxkeV=102 03:56:31 03:57:22 03:58:27 Peakc/s=41 Qual=01 Tot Cts=555 MaxkeV=102 03:48 Wavelength=1375A Code=00 Exp #=86774 Rast=30"x3 03:48 SMM Pointing: S18E88 Pitch=-36" 04:19:07 04:19:41 04:20:24 Peakc/s=87 Qual=01 Tot Cts=1509 MaxkeV=144 04:19:07 04:19:41 04:20:24 Peakc/s=87 Qual=01 Tot Cts=1509 MaxkeV=144	03:47 03:49:5 03:48	03:52 03:50	03:54 03:50:	Impor Peak. Wavel		Tot Cts=432 Exp #=86774	MaxkeV=102 Rast=30"x30"	Step=5" Pitch=-56"	5", Yaw=+931"
Start Peak End times 03:56 04:00 04:02 Importance=C2 Qual=01 Tot Cts=555 Maxkev=102 03:56:31 03:57:22 03:58:27 Peakc/s=41 03:48 Wavelength=1375A Code=00 Exp #=86774 Rast=30"x3 #avelength=1375A Code=00 Exp #=86774 Rast=30"x3 #avelength=1375A Code=00 Exp #=86774 Pritch=-36" #avelength=1375A Code=00 Exp #=86774 Rast=30"x3 #avelength=1375A Code=00 Exp #=86774 Rast=30"x3  Qual=00 Qual=01 Tot Cts=1509 Maxkev=144  04:19:07 04:19:41 04:20:24 Peakc/s=87 Qual=01 Tot Cts=1509 Maxkev=144	ent # = 11043 /03/30,04:00	D0Y=8		SMR	S18E88		Pitch=-36",Yaw	/=+960", Roll=-20deg	H.Ang≈86deg
# = 11044 30,04:19 DOY=89 Start Peak End times Oual=00 04:19:07 04:19:41 04:20:24 Peakc/s=87 04:19:07 04:19:45 04:20:24 Peakc/s=87 04:19:07 04:19:41 04:20:24 Peakc/s=87 04:19:07 04:19:41 04:20:24 Peakc/s=87	Start DES 03:56 (RBS 03:56:31 /SP 03:48	Peak 04:00 03:57	End time 04:02 03:58:27	Importance=C2 Peakc/s=41 Wavelength=137		Tot Exp	MaxkeV=102 Rast=30"x30"	Step=5" Pitch=-56"	6", Yaw=+931"
Start Peak End times  Qual=00  Qual=01 Tot Cts=1509 MaxkeV=144  04:19:07 04:19:41 04:20:24 Peak;c/s=87 Qual=01 Tot Cts=1509 MaxkeV=144	/ent # = 11044 9/03/30,04:19	D0Y=8		SMM Pointing	S18E88		Pitch=-36", Ya	, yaw=+960", Roll=-20deg	H.Ang=86deg
04:12 Mayelengtii=13/3A LAP " COVI C	Start GOES HXRBS 04:19:07 UVSP 04:12	Peak 04:19	End 04:2	s Peakc/s=87 Wavelength=1375	_	Tot Cts=1509 Exp #=86776	MaxkeV=144 Rast=30"x30"	Step=5" Pitch=-4	Pitch=-46",Yaw=+931"

Event # = 11045 89/03/30,13:03 D0Y=89 Start Deak End +3:			AR5428			**************************************	
cal 12:58 13:03 13:05	mes HaClass=SF Importance=C7	\$23E78	AR5428	Mac.=DKI	Carr.Lon.=303deg	303deg	H.Ana=76dea
3:03:36 13:03: (MHz)/Flux(sfu	45 Peakc/s=40 Wavelength=2788A ): 410/170 606/160 1	Qual=01 Tot Ct Qual=00 Exp #=: 1415/80 4995/80	Tot Cts=98 Exp #=86789 95/80	MaxkeV=102 Rast=180"x1"	Step=0" p	Pitch=-156"	", Yaw=+890"
Event # = 11046	1	89/03/31	D0Y=90				111111111111111111111111111111111111111
31,05:02 Start	S	S18E63		Pitch=-40", Ya	, Yaw=+853", Roll=-20deg	20deg	H.Ang=63deg
04:55 05:02 05:06		\$23E71 0ual=01	AR5428	Mac.=FKI	Carr.Lon.=302deg	02deg	H. Ang=70deg
:58:2/	4 Peakc/s=98 ( Wavelength=2788A ( : III/2	Jual=01 Code=00	Tot Cts=925 Exp #=86834	MaxkeV=144 Rast=243"x243"	Step=3"	Pitch=-33"	-
Event # = 11047		89/04/01	D0Y=91				
1/01,22:00 D0Y=91 Start Peak Er	₹.	S18E42		Pitch=+3", Yaw=	, Yaw=+645", Roll=-20deg	Odeg	H.Ang=42deg
22:40 18 21:32:3; /Flux(sfu)	Importance=C2 8 Peakc/s=82 Wavelength=2788A : 606/200	Qual=03 Qual=01 Code=01	Tot Cts=716 Exp #=86907	MaxkeV=102 Rast=180"x1"	Step=0" Pi	Pitch=-115"	, Yaw=+564"
		89/04/02	00Y=92				
J 🕶 🔞	S						
GDE	HaClass=SB Importance=M2	N34E77 Qua]=03			Carr.Lon.=263deg	3deg	H.Ang=83deg
15:27		Qua 1 = 02 Code = 00	Tot Cts=24243 Exp #=86946	MaxkeV=102 Rast=180"x1"	Flags=M5,SN Step=0" Pi	5,SN Pitch=-639",	,Yaw=+495"
~	S						
23:30 23:43	Ha Ha	S18E27 N21W55 Oual=04	AR5428 AR5435	Mac.=FKI	Carr.Lon.=309deg Carr.Lon.=31deg	50	H.Ang=29deg H.Ang=61deg
23:23:40 23:28:06 23:3	Peakc/s=312 Wavelength=2788A	Qual=01 Tot Exp	ot Cts=40183 p #=86957	MaxkeV=144 Rast=180"xI"	Step=0" Pit	Pitch=-639"	, Yaw=+495"
)51		89/04/03	00Y=93				
9/04/03,09: Start OES 09:14 XRBS 09:15 CS 09:16	Importance=C3 Peakc/s=53 CaPeak.c/s=186	Qua]=03 Qua]=01 To Qua]= 1 Fel	Tot Cts=797 FePeak=09:18	MaxkeV=144 Fepeak r/s=48	40 0 1		
ÚVŠP 09:00	₩avelength=2788A	Code=00 Exp		Rast=240"x240" Rast=243"x243"	Step=15" Step=3"	dr= 3.0s A Cad= 262s 1 Pitch=-766",	xen=909300 1.024s/pixe1 ,Yaw=+578"

Event # = 11053 89/04/03,19:46 D0Y=93 Start Peak End time Optical GOES 19:18 19:46 20:17 HXRBS 19:33:54 19:38:57 19:41:3 UVSP 19:27 Type/Intensity Radio Sweeps Type/Intensity Radio Frequency(MHZ)/Flux(sfu)	D0Y=93 Peak 19:46 1 19:38:57 Type/Inrcy(MHz)/F1	a · · · ·	s HaClass=1N S23E05 Importance=C7 Qual=0. Peakc/s=42 Qual=0. Wavelength=2788A Code=0 IV/2 245/790 410/200 606/220	23E05 ual=04 ual=02 ode=01	AR5428 Tot Cts=1068 Exp #=86995	Mac.=FKI MaxkeV=102 Rast=180"x1"	Carr.Lon.=320deg Flags=SN Step=O" Pitch=	-639"	H.Ang=17deg , Yaw=+495"
Event # = 11054 89/04/03,22:10 Start Optical GOES 22:02 HXRBS 22:03:40 UVSP 21:59	DOY=93 Peak 22:10 22:04:27	End times 22:17 22:04:45	HaClass=SN Importance=M1 Peakc/s=48 Wavelength=2788A	S17E13 Qual=02 Qual=01 Code=01	AR5428 Tot Cts=265 Exp #=86998	Mac.=FKI MaxkeV=102 Rast=180"x1"	Carr.Lon.=311deg Step=0" Pitch=	-639"	н.Ang=17deg , Үаw=+495"
Event # = 11052 89/04/03,22:42 Start GOES HXRBS 22:42:38 UVSP 22:33	DOY=93 Peak 22:42:52	End times 2 22:43:02	Peakc/s=63 Wavelength=2788A	Qual=01 Qual=01 89/04/04	Tot Cts=347 Exp #=86999 4 DOY=94	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-639", Yaw=+495"	aw=+495"
Event # = 22663 89/04/04.05:49 [ GOES BCS 05:49 ( FCS 04:58	05:49	End times 05:51	CaPeak.c/s=21 Wavelength=1375A	ōō	Fe Pe Exp	FePeak.c/s=7 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s XE Cad=1.02s 1. Pitch=-789",	XEN=909400 1.024s/pixel ", Yaw=+541"
Event # = 11726 89/04/05,04:15 Start	DOY=95 Peak	End times	SMM Pointing:	89/04/05 S19W03	.5 DOY=95	Pitch=+211", Yaw=+30", Roll=-20deg	#=+30", Roll		H. Ang=13deg
GOES HXRBS 04:14:11 04:15:44 04:19 UVSP 04:13	04:15:4	4 04:19:51	Peakc/s=55 Wavelength=1375A	Qual=01	Tot Cts=1860 Exp #=87064	MaxkeV=144 Rast=265"x265"	Flags=I Step=5"	Pitch=+220", Yaw=+43"	Yaw=+43"
Event # = 22664 89/04/05,10:56 Start Optical GOES BCS 10:56	D0Y=95 Peak 10:56	End times	HaClass=SF CaPeak.c/s=30	\$22E01 Qual=02 Qual= 5		Mac.=FKI FePeak.c/s=9 Rast=0"x0"	Carr.Lon.=302deg #Peaks=1 dt= 7. Step=0" Cad=1.	=302deg dt= 7.7s Cad=1.02s	H.Ang=16deg XEN=909500 1.024s/pixel ". Yaw=+15q"
UVSP 11:15			Wavelength=2788A	-	Exp #=87084	Rast=180"x1"	n-danc	F   tcl -1240	

Signature   Sign	Cych I - 11									
11:56   12:05   12:0	89/04/05,11:5	DOY=9 Peak	E E	SMR	S19W07		Pitch=+236",Y	aw=-31".Rol	]=_20den	H Ann=14dox
Fig. 55.50 [1:56.42] Qual-07 [1:56.42] Qual-07 [1:56.42] Qual-07 [1:56.50 [1:56.42]] Qual-07 [1:56.42]	Optical 60FS 11.55	11.59	10.05	HaClass=1N	S19W09	AR5428	Mac.=FKI	Carrion	=312dea	H Anna 1 February
Pitch+261, 7F1ux(\$f0.)   Wavelength=2788A Code=00		11:56	11:58:4		Qua]=04 Qua]=04	Tot Cts=38808	MaxkeV=320	[] age - MF	6507TC	n.Any=13deg
Pitch=+761", Yaw=-93", ROII=-20deg	4	ency (MHz),	/Flux(sfu):	Wavelength=2788A 8800/120 15400/6	Code=00	Exp #=87085	Rast=180"x1"	Step=0"	, 3M, E3 Pitch=+11	5", Yaw=+154"
20.36 20.44	Event # = 1100 89/04/05,20:40 Start	D0Y=9	, +	SE	S19W11		Pitch=+261", Ya	3W=-93". Rol	1=-20deg	H Ann-17400
20:37:38 20:37:54 PeakC/s=60 Qual=01 Tot Cts=88 Raxt=180"XII" Step=0" Pitch=+142", Yaw=86"	20:37	20:40	20:44	HaClass=SF Importance=C2	\$17W08 0ual=03	AR5428		Carr. Lon.	.=306deg	H.Ang≖13deg
23:31. 23:17	50:38 20:30 -	20:38:	1 20:38:55	Peakc/s=90 Wavelength=2788A	Qual=01 Code=00		MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+142	.", Yaw=+86"
DOY=95 End times HaClass=57 SIGNUS Peak End times HaClass=58 End times HaClass=58 Subject Exp #=87100  DOY=96 End times  Raylod/Ob Eak End times End times  Raylod/Ob Eak End times End times  Raylod/Ob Eak End times End times  Raylod/Ob Eak End times End times End times End times  Raylod/Ob Eak End times En	20:37:2	20:37:	20:37:54	Peakc/s=40	Qual=01			ı	1 1 1	
23:11 23:17   HaClass=5F   S19W12   AR5428   Mac.=FKI   Carr.Lon.=309deg   H.Ang=17deg   23:06:37 23:08   Peekkc/s=10   Qual=01   Tot Cts=3816   Peekak.c/s=18	= 1105 5,23:11 Start	9 DOY=9 Peak	ti	1	S19W13		Pitch=+270", Ya	W=-118", Rol	11=-20deg	H.Ang=18deg
22:58:13 22:59:47 PeakC/s=16 Qual=01 Tot Cts=3816 Raxev=102 Fepeak.C(s=18 #Peaks=1 dt= 3.88 XEN=909501 Rast=280"x2" Step=15" Cad= 282s 1.024s/pixel Rast=280"x2" Step=15" Cad= 282s 1.024s/pixel Rast=180"x2" Step=0" Step=0" Pitch=+149", Yaw=+61" Step=0" Step=0" Pitch=+149", Yaw=+68" Sy/04/06 D0Y=96 Rast=180"x1" Step=0" Pitch=+149", Yaw=+68" Rast=0.00:28 CaPeak.c/s=23 Qual=0 Fepak.e0:23 Qual=0 Fepak.e0:23 Qual=0 Fepak=00:23 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Qual=0 Fepak=00:25 Gal=200" Pitch=+290", Paw=-160" Pitch=+154", Paw=-160" Pitch=+154", Paw=-160" Pitch=+154", Paw=-160" Pitch=+154", Paw=-160" Pitch=+154", Paw=-160" Pitch=+154", Paw=-156" Pitch=+154", Paw=-154", Paw=-156" Pitch=+154", Paw=-156" Pitch=+154", Paw=-154", Paw=-154", Paw=-154", Paw=-154", Paw=-154", Paw=-154", Paw=-154", Paw=-154", Paw=-	23:04	23:11	23:17	.Class=SF ortance=C7	S19W12 Qual=01	AR5428	Mac.=FKI	Carr.Lon.	=309deg	H.Ang≃17deg
#avelength=27884	23:02	23:11 23:11	/ 23:08:2 23:19	:c/s=116 :ak.c/s=91	Qual=01 Qual= 1		MaxkeV=102 FePeak.c/s=18			
#avelength=2788A qual=01 Tot Cts=1499	23:36			Wavelength=2788	sociated		Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=+152	1.024s/pixel ",Yaw=+61"
DOY=96 Peak End times  00:26	22:41		22:59:4	c/s=64 ]ength=2788	Qua]=01	Tot Cts=1499 Exp #=87099	MaxkeV=144 Rast=180"x1"	Step=0"	 Pitch=+149'	", Yaw=+68"
D0Y=96 Peak End times  Qual=00 00:23	vent				89/04/06					
00:23 00:26 CaPeak.c/s=23 Qual= 5 FePeak=00:23 FePeak.c/s=10 #Peaks=1 dt= 7.7s Peak3.c/s=-1 Wavelength=2788A  Exp #=87101 Rast=180"x1" Step=0" Cad= 652 Rast=180"x1" Step=0" Pitch=+1.  Rast=180"x1" Step=0" Pitch=+1.  SAM Pointing: S19W16 Peak End times HaClass=SF S21W19 D5:36 05:38 Importance=C5 Qual=01 D5:35 05:35 05:40 CaPeak.c/s=261 Qual=01 D5:35 05:40 CaPeak.c/s=261 Qual= 1 FePeak=05:35 FePeak.c/s=53 #Peaks=2 dt= 3.8s Wavelength=1375A Code=00 Exp #=87110 Rast=10"x10" Step=0" pitch=+28	•	DOY=9 Peak								
DOY=96  SMM Pointing: S19W16 Peak End times  HaClass=SF S2IW19 D5:36 D5:38 D5:34.52 D5:35 D5:40 CaPeak.c/s=261 Wavelength=1375A Code=00  Exp #=0/101  Rast=10"x1" Step=0" Pitch=+1  Pitch=+290", Yaw=-166", Roll=-20deg  Pitch=+290", Yaw=-166", Roll=-20deg  Pitch=+290", Yaw=-166", Roll=-20deg  Pitch=+10. Rast=100"x1" Step=0" Pitch=+28  Rast=290", Yaw=-166", Roll=-20deg  Pitch=+10"x10" Step=0" Pitch=+128  Pitch=+20deg  Pitch=+10"x10" Step=0" Pitch=+128  Pitch=+20deg  Pitch=+10"x10" Step=0" Pitch=+128  Pitch=+120"x10" Step=0" Pitch=+128  Pitch=+120"x10" Step=0" Pitch=+128  Pitch=+120" Pitch=+120" Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch=+128  Pitch	00:2	?	٠,	CaPeak.c/s=23 Peak3c/s=-1 Wavelenoth=27884		က္			dt= 7.7s Cad= 652s	XEN=909600 651.5s/pixel
D0Y=96 End times HaClass=SF S21W19 AR5428 Mac.=FKI Carr.Lon.=312deg D5:36 05:38 Importance=C5 Qual=01 Tot Cts=238 Maxkev=102 D5:35 05:40 CaPeak.c/s=261 Qual= 1 FePeak=05:35 Rest=240",Yaw=-166",Roll=-20deg Maxkev=168",Roll=-20deg Maxkev=102 Ars.240", Fepeaks=2 Ars.3.8s Rast=240",Yaw=-166",Roll=-20deg Maxkev=168",Roll=-20deg Maxkev=168",Ro	ven+ # - 11050			100 / T 8			Kast=180"xI"		Pitch=+154"	', Yaw=+56"
05:28 05:36 05:38	9/04/06,05:36 Start	DOY=9 Peak	times	Pointing:	S19W16		oitch=+290", Yaw	166", Roll	]=-20deg	H.Ang=20deg
05:30 05:35 05:40 PeakC/s=42 Qual=01 Tot Cts=238 MaxkeV=102 05:30 05:35 05:40 CaPeak.c/s=261 Qual= 1 FePeak=05:35 FePeak.c/s=53 #Peaks=2 dt= 3.8s 05:24 Wavelength=1375A Code=00 Exp #=87110 Rast=10"x10" Step=0" Pitch=+280"	05:28	05:36	05:38	.Class=SF `tançe=C5			¶ac.=FKI	Carr.Lon.≖	*312deg	H.Ang=24deg
05:24 Wavelength=1375A Code=00 Exp #=87110 Rast=10"x10" Step=15" Cad= 262s Pitch=+280"	05:30	05:35	05:35:20 05:40	c/s=42 ik.c/s=261			faxkeV=102 ePeak.c/s=53			XEN=909601
	05:2			length=1375A			last=240"x240" last=10"x10"		=	

10:11   10:13   10:24   CaPeak.c/s=118   Qual=1   FePeak=10:12   FePeak=10:12   FePeak=2624   Step=5   Cad=2624   Step=5   C	Event # = 22666 89/04/06,10:13 Start Optical	DOY=96 Peak	End times	HaClass=SF	N36E58.	AR5441	Mac.=CAO	Carr.Lon.=233deg	233deg	H.Ang=69deg
DOY-96 Peak         SMH Pointing:         S19W19         Pitch=+304", Yaw=-202", Roll=-20deg           Peak Peak         HaClass=SF Wavelength=1375A         N36E38 Qual=01         AR5441         Hac.=CAO         Carr.Lon.=23deg           DOY-96 Peak Havelength=1375A         S19W25 Qual=01         Pottch=+3304", Yaw=-281", Roll=-20deg         Pottch=+3304", Yaw=-281", Roll=-20deg           DOY-96 Peak Havelength=278A         S19W25 Gual=01         Pottch=+338", Yaw=-281", Roll=-20deg         Pitch=+330", Yaw=-281", Roll=-20deg           DOY-97 Peak Havelength=278A         Rod=01         Exp #=87138         Rast=30"x30"         Step=5"         Pitch=+304"           DOY-97 Peak Havelength=278A         Rod=01         Exp #=87148         Rast=180"x1"         Step=6"         Pitch=+216           DOY-97 Havelength=278A         Rod=01         Exp #=87158         Rast=180"x1"         Step=6"         Pitch=+216           DOY-97 Havelength=278A         Rod=001         Exp #=87158         Rast=243"x243"         Step=5"         Pitch=+304"           DOY-97 Havelength=1375A         Step=6"         Pitch=+375", Yaw=-369", Roll=-20deg         Pitch=+350"x30"         Step=5"         Pitch=+457           DOY-97 Havelength=1375A         Rod=00         Exp #=87156         Rast=243"x243"         Step=5"         Pitch=+457           DOY-97 Havelength=1375A	GDES BCS 10:11 FCS UVSP 10:09	10:13	10:24	ak.c/s=118  ength=1375A	(ual=01 (ual= 1	FePeak=10:12 Exp #=87133	FePeak.c/s=19 Rast=240"x240" Rast=30"x30"			XEN=909602 1.024s/pixel ",Yaw=-214"
10:22:34 10:22:48 PeakC/s=50 Qual=01 Tot Cts=260 Rast=30"x30" Step=5" Pitch+304"  100Y=96 End times HaClass=5F God=01 Exp #=87133 Rast=180"x30" Step=5" Pitch+304"  20:44 20:49 Importance=C2 Qual=01 Exp #=87148 Rast=180"x1" Step=0" Pitch=+316"  20:40:44 20:49 Importance=C2 Qual=01 Exp #=87148 Rast=180"x1" Step=0" Pitch=+216"  20:40:44 20:49 Importance=C2 Qual=01 Exp #=87148 Rast=180"x1" Step=0" Pitch=+216"  89/04/07 D0V=97 Rast=180"x1" Step=5" Pitch=+316"  89/04/07 D0V=97 Rast=1375", Yaw=-281", Roll=-20deg  90:50:19 09:50:38 PeakC/s=62 Qual=01 Exp #=87156 Rast=30"x30" Step=5" Pitch=+457  90:50:19 09:50:38 PeakC/s=62 Qual=01 Exp #=87176 Rast=380", Yaw=-400", Roll=-20deg  90:50:19 09:50:38 PeakClass=SF S19W34 Rast=30"x30" Step=5" Pitch=+457  90/=97 Rast=30"x30" Step=5" Pitch=+457  90:50:19 09:50:38 PeakC/s=62 Qual=01 Exp #=87176 Rast=30"x30" Step=5" Pitch=+457  90/=97 Rast=30"x30" Step=5" Pitch=+300"x30" Step=5" Pitch=+300"x30" Step=5" Pitch=+457  90/=97 Rast=30"x30" Step=5" Pitch=+300"x30" Step=5" Pitch=+457  90/=97 Rast=30"x30" Step=5" Pitch=+300"x30" Step=5" Pit	Event # = 1106 89/04/06,10:22 Start Optical	DOY=96 Peak	1	4 Pointing: Class=SF	S19W19 N36E58	AR5441		202", Roll Carr.Lon.=	=-20deg	H.Ang=22deg H.Ang=69deg
DOY=96         Find times         SMM Pointing:         519W25         Pritch=+338", Yaw=-281", Roll=-20deg           20:44         20:49         Lot times         HaClass=SF         N34E51         AR5441         Mac.=CAO         Carr.Lon.=234deg           20:44         20:49         Lot times         Lot code=01         Exp #=87148         Rast=180"x1"         Step=0"         Pitch=+216           Peak         20:49         Lot code=01         Exp #=87148         Rast=180"x1"         Step=0"         Pitch=+216           Peak         20:49         Lot code=01         Exp #=87148         Rac.=FKI         Carr.Lon.=308deg           Peak         CaPeak.c/s=35         Qual=01         Pov=97         Rast=180"x1"         Step=0"         Pitch=+216           Peak         CaPeak.c/s=35         Qual=01         DOV=97         Rast=180"x1"         Step=0"         Pitch=+216           Peak         CaPeak.c/s=35         Qual=01         Pov=44         Rac.=FKI         Carr.Lon.=308deg           DOY=97         Ravelength=2788A         Code=00         Exp #=87156         Rast=243"x243"         Step=5"         Pitch=+357", Yaw=-369", Roll=-20deg           Peak         Colo=38         Peakc/s=62         Qual=00         Lot Cts=360         Pitch=+336", Yaw=-400", Roll=		) 10:22:34	10:22:48	c/s=50 length=1375A	Qual=01 Qual=01	Tot Cts=260 Exp #=87133	MaxkeV=102 Rast=30"x30"	Flags=ND Step=5"	Pitch=+304"	', Yaw=-214"
Peak End times HaClass=SF N34E51 AR5441 Mac.=CAO Carr.Lon.=234deg Code Off Exp #=87148 Rast=180"x1" Step=0" Pitch=+216 Qual=01 Tot Cts=875 Peak Code Off Exp #=87148 Rast=180"x1" Step=0" Pitch=+216 Qual=01 Tot Cts=87 Peak Rast=180"x1" Step=0" Pitch=+216 Qual=01 Tot Cts=87 Peak Rast=180"x1" Step=0" Pitch=+216 Qual=01 Tot Cts=87 Peak Rast=180"x1" Step=0" Pitch=+216 Qual=01 Tot Cts=87 Peak Rast=180"x1" Step=0" Pitch=+316 Qual=01 Tot Cts=36 Qual=01 Tot Cts=200 Qual=01 Tot Cts=20 Qual=01 Tot Cts=20 Qual=01 Tot Cts=20 Qual=01 Tot Cts=20 Qual=01 Tot Cts=20 Qual=01 Tot Cts=20 Qual=01 Tot Cts=20 Qual=01 Tot Cts=20 Qual=0	Event # = 1106, 89/04/06, 20:44	96=V00		SMM Pointing	S19W25		Pitch=+338", Yaw	/=-281", Rol	l=-20deg	H.Ang=27deg
20:44 20:49 Importance-C	Start Optical	Peak	End times	HaClass=SF	N34E51	AR5441	Mac.=CAO	Carr.Lon.	=234deg	H.Ang=63deg
DOY=97 Peak         End times         RayClass=SF Peak         \$17,W28 Qual=01         AR5428 Peak.c/s=17         Mac.=FKI Peaks=1 dt= 7.75 Cad=1083s           04:41 O4:45 Importance=C2 Qual=01         Qual=01	GOES 20:39 HXRBS 20:40:1 UVSP 20:23	20:44 ) 20:40:44	20:49 20:41:33	Importance=C2 Peakc/s=61 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=875 Exp #=87148	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+216	', Yaw=-95"
DOY=97 Peak         End times         HaClass=SF Capeak.c/s=35         SIZW28 Qual=01 Peak Rast=15 mac.=FKI         AR5428 Mac.=FKI         Carr.Lon.=308deg           04:41 04:45 Importance=C2 Qual=01 DOY=97         Qual=01 od:440 Od:43 Capeak.c/s=35 Qual=01 Exp #=87158         FePeak=04:40 FePeak=04:40 FePeak=04:40 FePeak=04:40 FePeak.c/s=17 #Peaks=1 dt= 7.75 Rast=115"x115" Step=5" Cad=1083s           DOY=97 Peak         SMM Pointing:         S19W32 Fepeak=04:40 FePeak=04:40 FePeak=04:40 FePeak=375", Yaw=-369", Roll=-20deg         Pitch=+375", Yaw=-369", Roll=-20deg           DOY=97 Peak         End times         Qual=01 FePeak=0 Fepeak=0.00 Fepeak=	ACT ATTEMPT TO THE PARTY OF THE				89/04/0					
04:41 04:45 Importance=C2 Qual=01 04:40 04:45 CaPeak.c/s=35 Qual=01 04:40 04:45 CaPeak.c/s=35 Qual=01 04:40 04:45 CaPeak.c/s=35 Qual=01 04:40 04:45 CaPeak.c/s=35 Qual=01 06:40 04:43 CaPeak.c/s=35 Qual=01 06:40 04:43 CaPeak.c/s=35 Qual=01 06:40 04:43 CaPeak.c/s=35 Qual=01 06:40 04:43 CaPeak.c/s=35 Qual=01 06:40 04:43 CaPeak.c/s=35 Qual=01 06:40 04:43 CaPeak.c/s=35 Qual=01 06:40 04:43 CaPeak.c/s=35 CaPeak.c/s=37 #Peaks	Z, C		End times		\$17W28		Mac.=FKI	Carr.Lon.	=308deg	H.Ang=29deg
DOY=97  DOY=97  Eak  End times  DOY=97  SMM Pointing: S19W32  DOY=97  Eak  End times  SMM Pointing: S19W32  DOY=97  SMM Pointing: S19W34  DOY=97  Exp #=87156  DOY=97  Boy:50:19 09:50:38  Peak  End times  HaClass=SF  S23E05  AR5434  Rast=243"x243" Step=3" Pitch=+369  Rast=243"x243" Step=3" Pitch=+369  Rast=243"x243" Step=3" Pitch=+369  Rast=243"x243" Step=3" Pitch=+369  Rast=30"x30" Step=5" Pitch=+369  Pointing: S19W34  Peak  HaClass=SF  S23E05  AR5434  Rast=243"x243" Step=3" Pitch=+369  Rast=30"x30" Step=5" Pitch=+369  Pitch=+389", Yaw=-400", Roll=-20deg  Rast=180", Yaw=-400", Roll=-20deg  Rast=180"x1" Step=0" Pitch=+268  Rast=180"x1" Step=0" Pitch=+268	GOES 04:38 BCS 04:40	04:41 04:40	44	Importance=C2 CaPeak.c/s=35	Qual=01 Qual= 4	FePeak=04:40	FePeak.c/s=17 Past=115"x115"			XEN=909700 2.048s/pixel
DOY=97  Peak End times  Qual=00  09:50:19 09:50:38 Peakc/s=62  Wavelength=1375A  Qual=01  Exp #=87176  RaxkeV=144  Rast=30"x30"  Step=5" Pitch=+457"  Pitch=+457", Yaw=-369", Roll=-20deg  Rast=30"x30"  RaskeV=144  Rast=30"x30"  Step=5" Pitch=+457"  Pitch=+457"  RaskeV=104  RaskeV=102  RaskeV=102  Flags=M5, SN, ES  13:42  14:39  Importance=C9  Qual=03  Qual=04  Tot Cts=2700  MaxkeV=102  Flags=M5, SN, ES  RaskeV=102  Flags=M5, SN, ES  RaskeV=102  RaskeV=102  Flags=M5, SN, ES  RaskeV=102  Flags=M5, SN, ES  RaskeV=102  Flags=M5, Roll=-20deg  RaskeV=102  Flags=M5, SN, ES  RaskeV=102  Flags=M5, SN, ES  RaskeV=102  Flags=M5, SN, ES  RaskeV=102  Flags=M5, SN, ES  Flags=M5, SN, ES	FCS UVSP 04:22			Wavelength=2788A	Code=00	Exp #=87158	Rast=243"x243"			", Yaw=-324"
09:50:19 09:50:38 Peakc/s=62 Qual=01 Tot Cts=360 MaxkeV=144 Step=5" Pitch=+457"  D0Y=97 SMM Pointing: S19W34 Peak End times HaClass=SF S23E05 Qual=03	Event # = 1106 89/04/07,09:50	00 Y = 9	Fnd times		S19W32		Pitch=+375", Yav	w=-369", Rol	]=-20deg	H.Ang=33deg
DOY=97  Peak End times  HaClass=SF S23E05 AR5434 Mac.=CSI Carr.Lon.=270deg  13:42 14:39 Importance=C9 Qual=03 13:42 13:37:01 13:46:26 Peakc/s=40 Qual=04 Tot Cts=2700 MaxkeV=102 Flags=M5, SN, ES Wavelength=2788A Code=00 Exp #=87186 Rast=180"x1" Step=0" Pitch=+268"	GOES HXRBS 09:50:1 UVSP 09:48		9:60	Peakc/s=62 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=360 Exp #=87176	MaxkeV=144 Rast=30"x30"	Step=5"	Pitch=+457	", Үам=-459"
Peak End times HaClass=SF S23E05 AR5434 Mac.=CSI Carr.Lon.=270deg 13:42 14:39 Importance=C9 Qual=03 13:37:01 13:46:26 Peakc/s=40 Qual=04 Tot Cts=2700 MaxkeV=102 Flags=M5,SN,ES Wavelength=2788A Code=00 Exp #=87186 Rast=180"x1" Step=0" Pitch=+268"	Event # = 1106 89/04/07,13:42		-	SMM	S19W34		Pitch=+389", Ya	w=-400", Rol	1=-20deg	H.Ang=36deg
13:15 13:14 14:39 importance=c9 qual=03	Start Optical				\$23E05	AR5434	Mac.=CSI	Carr.Lon.	=270deg	H.Ang≐18deg
		13:42 8 13:37:0	14:39 13:46:2	Importance-cy Peakc/s=40 Wavelength=2788A		Tot Cts=2700 Exp #=87186	MaxkeV=102 Rast=180"x1"	Flags=M5, Step=0"	SN,ES Pitch=+268	", Yaw=-214"

15.22.37   15.23.01   PeakClass=1N   N3343   AR541    Mac.=CAO   Carr.Lon.=Z31deg     15.22.37   15.23.01   PeakC/s=36   Qual=03   Ot Cts=15323   Maxeve/231   Step=0" Fitch+389"     15.22.37   15.23.01   PeakC/s=56   Qual=03   Ot Cts=15323   Maxeve/231   Step=0" Fitch+389"     15.22.37   15.23.01   PeakC/s=56   Qual=05   Cts=638   Maxeve/231   Step=0" Fitch+389"     15.23.1   15.25   Maxelength=2788A   Code=00   Cts=638   Maxeve/234   Flag=45   Es     15.32.1   15.55   Maxelength=2788A   Code=00   Cts=638   Maxeve/234   Flag=56   Pitch+4389"     15.32.1   15.55   Maxelength=2788A   Code=00   Cts=638   Maxeve/234   Flag=56   Pitch+389"     15.32.2   Maxelength=2788A   Code=00   Cts=659   Pitch+447", Yaw579", Roll=-20deg   Pitch+387"     15.32.2   Maxelength=2788A   Code=02   Cts=659   Pitch+447", Yaw579", Roll=-20deg   Pitch+387"     15.32.2   Maxelength=2788A   Code=02   Cts=659   Pitch+4481", Yaw550", Roll=-20deg   Pitch+387"     15.32.2   Maxelength=2788A   Code=02   Cts=10094   Maxel-180"xl"   Step=0" Pitch+387"     15.32.2   Maxelength=2788A   Code=02   Cts=10094   Maxel-180"xl"   Step=0" Pitch+386", Roll=-20deg   Pitch+4487", Yaw550", Roll=-20deg   Pitch+360", Roll=-20deg   Pitch+4487", Yaw550", Roll=-20deg   Pitch+360", Roll=-20deg   Pitch+4487", Yaw550", Roll=-20deg   Pitch+360", Roll=-20deg   Pitch+4487", Yaw550", Roll=-20deg   Pitch+360", Roll=-20deg   Pitch+4487", Yaw500",	Event # = 11065 89/04/07,15:27	= 11065 ,15:27	76=97		SMM Pointing:	00M90S		Pitch=+0", Yaw=	Pitch=+0", Yaw=+0", Roll=-20deg	H. Ana=Odea
15:22:37   15:25:01   PeakC/s=581   Qual=03   Tot Cts=51223   Haxkey=231   Fige=180"x1"   Step=0"   Pitch=+388   DOV=99   Pitch=+407", Yaw=439", Roll20deg     19:51	~	נמונ	re ax	End times		N33E43		Mac.=CA0	Carrilon =231ded	H And=57dex
19:55		5:22 5:22:16 5:00	15:27 15:22:	15:31 15:25	Importance=C8 Peakc/s=361 Wavelength=2788A		Tot Exp	MaxkeV=231 Rast=180"x1"	Flags=M5,ES Step=0" Pitch=+389	", Yaw=-409"
19:51   19:55   HaClass=55   S16E01   AR5446   Mac.=DAO   Carr.Lon.=271deg   19:49:41   19:50:43   Maxelength=2788A   Code=00   Exp #=87194   Rast=180"x1"   Step=0"   Pitch=+288   Rast=180"x1"   Step=0"   Pitch=+288   Rast=180"x1"   Step=0"   Pitch=+289   Pitch=+377   PaakC/s=48   Maxelength=2788A   Code=00   Exp #=87243   Rast=180"x1"   Step=0"   Pitch=+357   PaakC/s=48   Maxelength=2788A   Code=00   Exp #=87243   Rast=180"x1"   Step=0"   Pitch=+357   PaakC/s=48   Maxelength=2788A   Code=00   Exp #=87243   Rast=180"x1"   Step=0"   Pitch=+357   PaakC/s=48   Maxelength=2788A   Maxelength=2788A   Code=00   Exp #=87243   Rast=180"x1"   Step=0"   Pitch=+366   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788A   Maxelength=2788   Maxelength=2788A	Event # 89/04/07 Si	= 11064 ,19:51 tart	D0Y=97		SMM Pointing	S19W37		Pitch=+407", Ya	w=-439", Roll=-20deg	H.Ang=39deg
19.49:41 19:50:43 PeakC/s=255 Qual-02 Tot Cts=6938 MaxkeV=274 Flags=SN Pitch=+288 B9/04/08 D0V=98 B9/04/08 D0V=98 End times SMM Pointing: S19W51 Cts=660 Pitch=+477", Yaw=-579", Roll=-20deg 21:14:33 21:15:47 PeakC/s=34 Qual-01 Tot Cts=660 Pitch=+477", Yaw=-579", Roll=-20deg Peak Bn Pointing: S19W52 D0V=99 Peak End times Importance=C6 Qual-03 D0V=99 Peak Bn Pointing: S19W52 D0V=99 Peak Pack Pack Pack Pack Pack Pack Pack Pa	Optical GOES 19	9:47	19:51	:55	HaClass=SF	\$16E01	AR5446	Mac.=DAO	Carr.Lon.=271deg	H.Ang=10deg
DOY=98 End times SMM Pointing: S19451  21:14:33 21:15:47 Peakc/s=44 Qual=03 C Exp #=87243 Rast=180"x1" Step=0" Pitch=+477", Yaw=-579", Roll=-20deg		∹:	19:49:	19:50:43	Peakc/s=255 Wavelength=2788A	Qual=02 Code=00	Tot Cts=6938 Exp #=87194	4 X		5", Yaw=-252"
DOY=98 End times Biggin Shift Pointing: S19451  DOY=99 End times Biggin Shift Pointing: S19451  DOY=99 End times Biggin Shift Pointing: S19452  DOY=99 End times Biggin Shift Pointing: S19452  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  DOY=99 End times Biggin Shift Pointing: S19454  Biggin	Fven+#	11067				89/04/0		To the state of th		
21:26 21:48	89/04/08 St		DOY=98 Peak	End times	SMM	S19W51		Pitch=+477",Ya	w=-579", Roll=-20deg	H.Ang≕51deg
B99/04/09 peak         B99/04/09 b0v=99         Pitch=+481", Yaw=-590", Roll=-20deg           Peak End times         HaClass=48 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=02 lmportance=x4 qual=03 lmportance=x4 lmportance=x4 qual=03 lmportance=x4 lmportanc	GOES 2. HXRBS 2. UVSP 2.1			21:48 21:15:47	Importance=C6 Peakc/s=44 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=660 Exp #=87243	MaxkeV=102 Rast=180"x1"		''', Yaw=-395"
# = 11068   SAM Pointing: S19452   Pitch=+481", Yaw=-590", Roll=-20deg					The state of the s	89/04/0				
HaClass=48	Event # : 89/04/09, St	= 11068 01:05 art	DOY=99 Peak		Pointing	S19W52		Pitch=+481", Ya	w=-590", Roll=-20deg	H.Ang=52deg
01:19:51 01:45:05 Peakc/s=51 Qual=02	Optical GOES OC	):42	01:05	02:0	.Class=4B rtance=x4	N35E29 0ual=02	AR5441	Mac.=DKO	Carr.Lon.=227deg	H.Ang=49deg
D0Y=99  Peak End times  HaClass=1F O2:04:44 02:23:52  Mayelength=2788A Code=00  Exp #=87249  Peak  D0Y=99  End times  HaClass=1F O20E04  AR5438  Mac.=DA0  Carr.Lon.=251deg  Rast=180"x1"  Rast=180"x1"  Pitch=+487", Yaw=-600", Roll=-20deg  Carr.Lon.=251deg  Carr.Lon.=251deg  Rast=180"x1"  Rast=0"x0"  Type/Intensity: V/1  Exp #=87285  Peak  AR5441  Mac.=DK0  Carr.Lon.=230deg  Qual=01  Qual=01  Exp #=87285  Rast=180"x1"  Step=0"  Step=0"  Pitch=+487", Yaw=-600", Roll=-20deg  Carr.Lon.=251deg  Carr.Lon.=251deg  Rast=180"x1"  Step=0"  Step=0"  Pitch=+368  Rast=180"x1"  Step=0"  Pitch=+368  Rast=180"x1"  Step=0"  Pitch=+368  Rast=180"x1"  Step=0"  Pitch=-772'  Rast=180"x1"  Pitch=-772'  Rast=180"x1"  Rast=0"x0"  Rast=180"x1	00	1:18:40 1:08 Frequenc	01:19:51 :y(MHz)/F	0 <u>1</u> :45:05 lux(sfu):	C/s=51 length=2788A /2400 8800/3	Qual=02 Qual=02 Code=02		MaxkeV=102 Rast=180"x1"		", Yaw=-413"
02:07 02:31 Importance=M1 Qual=03	Event # = 89/04/09, St		DOY=9 Peak	Fnd times	Pointing	S19W54		Pitch=+487", Ya	w=-600", Roll≈-20deg	H.Ang=54deg
02:04:44 02:23:52	Optical GOES 02	00:	02:07	02:31	HaClass=1F Importance=M1	\$20E04	AR5438	Mac.≖DAO	Carr.Lon.=251deg	H.Ang=14deg
D0Y=99 Peak End times HaClass=SF N34E17 AR5441 Mac.=DK0 Carr.Lon.=230deg Qual=01 17:37 17:46 CaPeak.c/s=24 Qual= 4 FePeak=17:42 FePeak.c/s=7 #Peaks=1 dt= 7.7s Navelength=27884 Exp #=87285 Rast=180"x1" Step=0" Pitch=-772"	HXRBS 02 UVSP 02	:02:02:02:06:06	02:04:44	02:23:52	Peakc/s=52 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=7911 Exp #=87249	MaxkeV=102 Rast=180"x1"		", Yaw=-417"
HaClass=SF N34E17 AR5441 Mac.=DKO Carr.Lon.=230deg 17:36 17:37 17:46 CaPeak.c/s=24 Qual= 4 FePeak=17:42 FePeak.c/s=7 #Peaks=1 dt= 7.7s 17:38 Wavelength=2788A Exp #=87285 Rast=180"x1" Step=0" Pitch=-772"	Event # = 89/04/09, St	. 22668 17:37 art	DOY=9 Peak	time						
17:36 17:37 17:46 CaPeak.c/s=24 Qual= 4 FePeak=17:42 FePeak.c/s=7 #Peaks=1 dt= 7.7s 17:38 Wavelength=2788A Exp #=87285 Rast=180"x1" Step=0" Pitch=-772" weeps Type/Intensity: V/1					aClass=SF	N34E17 Oual=01	AR5441	Mac.=DKO	Carr.Lon.=230deg	H.Ang=43deg
17:38 Wavelength=2788A Exp #=87285 Rast=180"x1" Step=0 Cdd=1.UZS weeps Type/Intensity: V/1	BCS 17 FCS		17:37	4	aPeak.c/s=24	Qual= 4	FePeak=17:42	FePeak.c/s=7	dt= 7.7s	XEN=909900
	UVSP 17 Radio Swe	:38 eps	Type/Ir	••	Wavelength=2788A V/1		Exp #=87285	Rast=180"x1"	cad=1.02s Pitch=-772'	1.024s/plxel ',Yaw=+182"

					89/04/10	D0Y=100				
Event # = 11070 89/04/10,02:12	= 11070 0,02:12	D0Y=100		SMM Pointing:	N34E12	l	Pitch=-632", Yaw=	, Yaw=-60", Roll=-20deg		H.Ang=41deg
GOES HXRBS UVSP	Start 02:11:52 01:58	Peak 02:12:27	End times 02:12:55 P	Peakc/s=50 Wavelength=2788A	Qual=00 Qual=01 E	Tot Cts=297 Exp #=87296	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=-498"	, Үам=-129"
Event # 89/04/1	Event # = 11071 89/04/10,07:16	DOY=100	Fnd + imes	SMM Pointing:	N34E09		Pitch≖-621",Yaw≖-93"	93", Roll=-20deg	-20deg	H.Ang=41deg
GOES HXRBS UVSP	Start 07:15:51 07:03	07:16:05	07:16:22	Peakc/s=48 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=161 Exp #=87315	MaxkeV=102 Rast=70"x70"	Step=5" P	Pitch=-616"	', Yaw≖-91"
Event #	Event # = 11072			SMM Pointing:	N34E04		Pitch=-595",Yaw≖	,Yaw=-164",Roll=	, Roll=-20deg	H.Ang=40deg
1,10,100	Start	Peak	End times		N40W08			Carr.Lon.=241deg	241deg	H.Ang=47deg
GOES HXRBS UVSP	18:10 18:16:38 18:28	18:30 18:17:47	19:15 18:20:02	Importance=C2 Peakc/s=41 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=528 Exp #=87333	MaxkeV=102 Rast=180"x1"	Step=0" F	Pitch=-713"	", Yaw=+16"
Event 4 89/04/1	Event # = 11073 89/04/10,21:17	D0Y=100		SMM Pointing:	N34E02		Pitch=-587",Yaw	,Yaw=-186",Roll=-20deg	=-20deg	H.Ang=40deg
GOES HXRBS UVSP	Start 21:17:26 21:35	Peak 5 21:17:32	End times 221:18:52	Peakc/s=36 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=226 Exp #=87337	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-451",	", Yaw≈-6"
Event 89/04/	t # = 22669 1/10,23:10 Start	) D0Y=100 Peak	End times		01=1=10				e 1	OCCUPA
GOES BCS FCS UVSP	22:20 23:07	23:10	23:16	CaPeak.c/s=32 Peak3c/s=-1 Wavelength=2788A	Qual= 2	FePeak=23:11 Exp #=87339	FePeak.c/s=15 Rast=180"x1"	#Peaks=1 Step=0"	dt= /./s Pitch=-447"	/", Yaw=-16"
Event 89/04/	# = 22670 1/10,23:53 Start	0 D0Y=100 Peak	End times		0=[e::0					
GOES BCS FCS UVSP	23:53	23:53	00:49	CaPeak.c/s=39 Peak3c/s=-1 Wavelength=2788A	Qual= 5	FePeak=23:53 Exp #=87340	FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=.26s 0 Pitch=-446",	XEN=910001 0.256s/pixel 5", Yaw=-20"
					89/04/11	1 D0Y=101				
	# = 22671 4/11,01:34 Start	1 DOY=101 Peak	End times		0-[8]				1	
80ES FCS FCS	01:26	01:34	02:22	CaPeak.c/s=21 Peak3c/s=-1 Wavelength=2788A	Qual= 4	FePeak=01:34 Exp #=87342	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7./s Cad= 860s Pitch=-442"	XEN=910100 859.9s/pixel 2",Yaw=-31"
UVSP	• T : T0									

89/04/11,08:08 Start	3 D0Y=101 Peak	End times							
BCS 08:00 FCS	08:08	08:30	CaPeak.c/s=33	Qua]=00 Qua]= 1	FePeak=08:03	FePeak.c/s=8		dt= 7.7s	XEN=010101
p 08:04			Wavelength≖1375A		Ехр	Rast=0"x0" Rast=110"x200"		Cad=1.02s 1 Pitch=-534",	1.024s/pixel ",Yaw=-277"
nt # = 1107	8			89/04/12	12 DOY=102				
2,06:09 Start	D0Y=102 Peak	End times	SMM Pointing:	N34W15		Pitch=-504", Yaw	, Yaw=-404", Rol	, Roll=-20deg	H.Ang*42deg
Optical GOES 06:01	60:90	06:18	HaClass=1F Importance=C5	\$18W37 0ual=03	AR5438	Mac.=CS0	Carr.Lon.=251deg	=251deg	H.Ang≖38deg
05:37	2 06:04:5	06:05:19	Peakc/s=50 Wavelength=1375A	Qual=01 A Code=00	Tot Cts=756 Exp #=87397	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=-523"	', Yaw=-429"
Event # = 11081 89/04/12,21:32 Start	1 D0Y=102 Peak	End times	SMM Pointing:	N35W25		Pitch=-472", Yaw=-527",Roll=-20deg	=-527", Rol	]≖-20deg	H.Ang=48deg
60ES HXRBS 21:31:35 UVSP 21:41	5 21:32:21	21:3	Peakc/s=47 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=430 Exp #=87429	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-336".Yaw=-347"	. Yaw=-347"
Event # = 11082 89/04/12,22:32 Start	D0Y=102 Peak	End times	SMM Pointing:	N35W26		Pitch=-468", Yaw	, Yaw=-537", Roll=-20deg		H. Ang=48deg
GOES HXRBS 22:32:37 UVSP 22:14	, 22:32:58	22:3	Peakc/s=47 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=480 Exp #=87430	MaxkeV=144 Rast=180"x1"	Step=0"	335"	, Yaw=-350"
i				89/04/13	3 DOY=103				
89/04/13,06:42 Stort Start	D0Y=103 Peak	End times	SMM Pointing:	N35W30	1	Pitch=-449", Yaw≂-579", Roll=-20deg	579", Roll		H. Ang=50deg
GOES HXRBS 06:42:16 UVSP 06:26 Radio Frequenc	06:42:16 06:42:28 06:43:06 06:26 Frequency(MHz)/Flux(sfu):		Peakc/s=206 Wavelength=1375A 245/880 410/430	Qual=01 Qual=01	Tot Cts=866 Exp #=87441	MaxkeV=187 Rast=70"x70"	Step=5"	434"	, Yaw=-576"
Event # = 11084 89/04/13,17:28 Start	D0Y=103 Peak	End times	SMM Pointing:	N36W36		Pitch=-428", Yaw=	, Yaw=-642", Roll:	, Roll=-20deg H	H.Ang=54deg
HXRBS 17:28:38 UVSP 17:50	17:28:49	17:28:58	Peakc/s=62 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=257 Exp #=87460	MaxkeV=102 Rast=180"x1"	Step=0" F	Pitch=-287",	, Yaw=-458"
Event # = 11085 89/04/13,17:45 Start	D0Y=103 Peak	End times	SMM Pointing:	N36W36		Pitch=-428", Yaw=-642"	-642", Roll=	,Roll=-20deg H	.Ang=54deg
Optical GOES 17:40 LYDBS 17:40:40	17:45	17:51	HaClass=SF Importance=C5	N10E69 Qual=01	AR5451	Mac.=DAO	Carr.Lon.=1	.=125deg H	H.Ang=70deg
17:50	17:41:44	3	Peakc/s=49 Wavelength=2788A	Qual=01	Tot Cts=917	MaxkeV=102			

Start   Peak   End times   Haller   Peak   End times   Haller   Peak   End times   Haller   Peak   End times   Haller	Event # = 11086 89/04/13,21:00	D0Y=103		SMM Pointing:	N35W37		Pitch=-418", Yaw	, Yaw=-650", Roll=-20deg	20deg	H.Ang=54deg
21:00 21:24   Importance=50   Qual=01   Tot Cts=2434   RaxkeV=102   Flags=AX   Pitch=-279"   Pitch=102   Step=0"   Pitch=-279"   Pitch=102   Step=0"   Pitch=102   Peak   Step=0"   Pitch=102   Peak   Step=0"   Pitch=102   Peak	Start	Peak	End times		NO9E66	AR5451	Mac.=DAO	Carr.Lon.=1	126deg	H.Ang=67deg
Say Odd   15   Shift   Pointing   So   So   So   So   So   So   So   S	XBS 20:50 (RBS 20:50:04 (SP 20:56	21:00 20:52:07	21:24 20:54:59	8	Qual=03 Qual=01 Code=00	Tot Cts=2434 Exp #=87464	MaxkeV=102 Rast=180"x1"		Jitch=-279"	", Yaw=-474"
DOY=105         SMM Pointing:         SO6WOO         Pitch=+3", Yaw=-5", Roll=-Odeg           Peak         HaClass=SF         S20E12         AR5449         MackeV=102         Carr.Lon.=165deg           00:31:52 00:32:08         PeakC/s=62         Qual=01         Tot Cts=298         MackeV=102         Carr.Lon.=165deg           00:31:52 00:32:08         PeakC/s=62         Qual=01         Tot Cts=298         MackeV=102         Carr.Lon.=165deg           00:31:52 00:32:08         CaPeak.c/s=22         Qual=01         Tot Cts=298         MackeV=102         Cad=1.02s           00:31:52 00:32:08         CaPeak.c/s=22         Qual=01         Tot Cts=298         MackeV=102         Cad=1.02s           00:31:52 00:32:08         CaPeak.c/s=22         Qual=01         Tot Cts=170         MackeV=102         Step=0"         Cad=1.02s           00:31:09:21 PeakC/s=39         Qual=01         Exp #=87512         Rast=180"x1"         Step=0"         Pitch=-293"           00:41:05 Feak         SMM Pointing:         NO9E40         Dot Cts=180"x1"         Pitch=-278"         Pitch=-278"           00:41:05 Feak         SMM Pointing:         NO9E39         Pitch=-414", Yaw=+494", Roll=-20deg         Pitch=-278"         Pitch=-278"           00:41:05 Feak         SMM Pointing:         NO9E36					89/04/1					
Peak         End times         HaClass=SF         S20E12         AR5449         Hac.=EAI         Carr.Lon.=165deg           00:31:52 00:32:08 Peakc/s=62         Qual=01 Tot Cts=298         MaxkeV=102         Hax.eV=102           00:31:52 00:32:08 Peakc/s=62         Qual=01 Tot Cts=298         MaxkeV=102         Repeak.c/s=2 Qual=01           05:33 05:36 Capeak.c/s=22         Capeak.c/s=22         Qual=01 Qual=01         FePeak=05:33         FePeak.c/s=8 Fepeak=1.02s           00v=105 Peak         SMM Pointing:         NO9E44         Pitch=-428", Yaw=+545", Roll=-20deg           0v=105 Peak         LC1s=39         Qual=01         Tot Cts=170         MaxkeV=102         Fape-0"         Pitch=-293"           0vy=105 Peak         SMM Pointing:         NO9E40         Pitch=-414", Yaw=+494", Roll=-20deg         Pitch=-214", Yaw=+494", Roll=-20deg           0vy=105 Peak         SMM Pointing:         NO9E40         Pitch=-414", Yaw=+494", Roll=-20deg         Pitch=-278"           0vy=105 Peak         SMM Pointing:         NO9E39         Pitch=-411", Yaw=+494", Roll=-20deg         Pitch=-278"           0vy=105 Peak         Bayloal-16         Exp #=87524         Raxt=180"xl"         Step=0"         Pitch=-278"           0vy=105 Peak         Bayloal-16         Bayloal-16         Bayloal-16         Pitch=-411", Yaw=+4443", Roll=-20	ent # = 11087 //04/15,00:31	D0Y=105		Pointing	S06W00		Pitch=+3",Yaw=.	-5", Roll=Odeg	E-	H.Ang=Odeg
DOY=105         Qual=01         Tot Cts=298         MaxkeV=102           DOY=105         Qual=01         Tot Cts=298         MaxkeV=102           DOY=105         End times         Qual=01         Tot Cts=298         MaxeV=102           DOY=105         SMM Pointing:         NO9E44         Pritch=-428", Yaw=+545", Roll=-20deg           DOY=105         SMM Pointing:         NO9E44         Pritch=-428", Yaw=+545", Roll=-20deg           Peak         HaClass=SF         Qual=01         Tot Cts=170         MaxeV=102         Flags=1           Cy(MHz)/Flux(sfu):         410/1400         Exp #=87512         Rast=180"xl"         Step=0"         Pitch=-293"           Cy(MHz)/Flux(sfu):         410/1400         Exp #=87512         Rast=180"xl"         Step=0"         Pitch=-293"           Cy(MHz)/Flux(sfu):         410/1400         Exp #=87512         Rast=180"xl"         Step=0"         Pitch=-293"           Cy(MHz)/Flux(sfu):         410/1400         Exp #=87523         Rast=180"xl"         Step=0"         Pitch=-293"           DOY=105         End times         SMM Pointing:         NO9E30         Pitch=-414", Yaw=+494", Roll=-20deg           DOY=105         End times         SMM Pointing:         NO9E30         Pitch=-411", Yaw=+494", Roll=-20deg           D	Start tical	Peak	tıme	Class=SF	\$20E12	AR5449	Mac.=EAI	Carr.Lon.=]	165deg	H.Ang=19deg
DOY=105 Peak  Capeak.c/s=22 Qual=01 Peak  O5:35 CaPeak.c/s=22 Qual=01 Peak  DOY=105  SMM Pointing: NO9E44 Peak  Hac.=EKI Carr.Lon.=120deg Peak  Hac.=EKI Carr.Lon.=120deg  Qual=01 Cy(HHz)/Flux(sfu): 410/1400  DOY=105  Cy(HHz)/Flux(sfu): 410/1400  DOY=105  End times  Mavelength=2788A  Qual=01  Cy(HHz)/Flux(sfu): 58MM Pointing: NO9E40  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=103  Maxev=104  Maxev=		00:31	00:32	c/s=62	Qual=01 Qual=01		MaxkeV=102			
DOY=105	ent # = 22673 /04/15,05:33 Start ES 05:33			CaPeak.c/s=22	Qua]=01 Qua]= 4	FePeak=05:33	FePeak.c/s=8 Rast=0"x0"		dt= 7.7s Cad=1.02s	XEN=910500 1.024s/pixel
HaClass=SF N14E50 AR5451 Mac.=EKI Carr.Lon.=120deg Pakek End times HaClass=SF Qual=01 Tot Cts=170 MaxkeV=102 Flags=I Pitch=-293  y(MHz)/Flux(sfu): 410/1400	ent # = 11746 /04/15,13:04	D0Y=105		Pointing	N09E44		Pitch=-428", Ya	w=+545", Roll:	=-20deg	H.Ang=46deg
13:04:26 13:04:50 Peakc/s=39 Qual=01 Tot Cts=170 MaxkeV=102 Flags=1 Wavelength=2788A Qual=01 Tot Cts=1870 Rast=180"x1" Step=0" Pitch=-293", Wavelength=2788A Qual=01 Tot Cts=1870 MaxkeV=144 Flags=1 Wavelength=2788A Qual=01 Tot Cts=1870 MaxkeV=144 Flags=1 Wavelength=2788A Qual=01 Tot Cts=1870 MaxkeV=102 Flags=1 Wavelength=2788A Qual=01 Tot Cts=526 MaxkeV=102 Flags=1 Wavelength=2788A Qual=01 Tot Cts=526 MaxkeV=102 Flags=1 Pitch=-276"	Start tical	Peak	End times	HaClass=SF	N14E50	AR5451	Mac.=EKI	Carr.Lon.=	120deg	H.Ang=53deg
DOY=105 End times 21:48:09 21:49:21 Peakc/s=84 Qual=01 Peak End times SMM Pointing: NO9E40  Oual=01 Exp #=87523  Peak End times SMM Pointing: NO9E39  DOY=105  SMM Pointing: NO9E39  DOY=105  SMM Pointing: NO9E39  DOY=106  DOY=106  DOY=106  Pritch=-414", Yaw=+494", Roll=-20deg litch=-278"  Pointch=-411", Yaw=+484", Roll=-278"  Pointch=-411", Yaw=+484", Roll=-20deg litch=-278"  Pointch=-278"  RaxkeV=102 Peak RaxkeV=102 Peak Peak Peak Peak Peak Peak Peak Peak	ES RBS 13:04:05 SP 13:15 idio Frequer	3 13:04:20 ncy(MHz)/	0	Peakc/s=39 Wavelength=2788A 410/1400	Qual=00 Qual=01	Tot Cts=170 Exp #=87512	MaxkeV=102 Rast=180"x1"		Pitch=-293	", Yaw=+473"
21:48:09 21:49:21 Peakc/s=84 Qual=01 Tot Cts=1870 MaxkeV=144 Flags=I Pitch=-278"   Wavelength=2788A	ent # = 1174, /04/15,21:48	D0Y=10	Cod + imp	SMM Pointing:	N09E40		Pitch=-414", Ya	W=+494", Roll	=-20deg	H.Ang=42deg
DOY=105  SMM Pointing: N09E39  Peak  End times  Qual=01  Qual=01  Qual=01  Exp #=87524  Rast=180"x1", Yaw=+484", Roll=-20deg  Pitch=-411", Yaw=+484", Roll=-20deg  Rast=180"x1"  Step=0"  Pitch=-276"  B9/04/16  DOY=106  SMM Pointing: N09E36  Qual=00  Qual=00  Qual=01  Qual=01  O4:25:50 04:25:58  Peak  Qual=01  Tot Cts=847  MaxkeV=144  Flags=I  Pitch=-20deg  Pitch=-400", Yaw=+443", Roll=-20deg  Pitch=-400", Yaw=+443", Roll=-20deg  Qual=00  Qual=01  Qual=01  Exp #=87531  Rast=243", x243"  Step=3"  Pitch=-292"	Start ES 21:47:4; SP 21:35			Peakc/s=84 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=1870 Exp #=87523	MaxkeV=144 Rast=180"x1"		Pitch=-278	i", Yaw=+418"
22:31:39 22:32:30 Peakc/s=48 Qual=01 Tot Cts=526 MaxkeV=102 Flags=I Pitch=-276" Wavelength=2788A Exp #=8/524 Rast=180"x1" Step=0" Pitch=-276"  89/04/16 D0Y=106 Peak	ent # = 1175/ /04/15,22:31	DOY=105	3	SM	N09E39		Pitch=-411", Ya	IW=+484", Roll	≖-20deg	H.Ang≖42deg
# = 11751 16,04:25 DOY=106 Start Peak End times Qual=00 04:25:28 04:25:50 04:25:58 Peakc/s=91 Qual=01 Tot Cts=847 MaxkeV=144 Flags=I Pitch=-392"	Start SES 22:30:50 SP 22:33	reak 0 22:31:3	22:3			Tot Cts=526 Exp #=87524	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-276	5", Yaw=+411"
# = 11751 116,04:25 DOY=106 SMM Pointing: N09E36 Pitch=-400",Yaw=+443",Roll=-20deg Start Peak End times Qual=00 Qual=00 O4:25:28 04:25:50 04:25:58 Peakc/s=91 Qual=01 Tot Cts=847 MaxkeV=144 Flags=I Pitch=-392" 04:25:28 04:25:50 04:25:58 Wavelength=2788A Exp #=87531 Rast=243"x243" Step=3" Pitch=-392"					89/04/1					
Start Feak Ling Chines 04:25:28 04:25:50 04:25:58 Peakc/s=91 Qual=01 Tot Cts=847 MaxkeV=144 Flags=I 04:02 Wavelength=2788A Exp #=87531 Rast=243"x243" Step=3"	/ent # = 1175 9/04/16,04:25				N09E36		Pitch=-400", Ya	3W=+443", RO]]	=-20deg	H.Ang=39deg
			.0 04:25:58	Peakc/s=91 Wavelength=2788A		Tot Cts=847 Exp #=87531	MaxkeV=144 Rast=243"x243'		Pitch=-392	2", Yaw=+456"

	The state of the s		89/04/17	7 00V=107				
Event # = 1108	88							
89/04/17,03:32 Start	DOY=107 Peak End time	SMM Pointing:	N09E23		Pitch=-344", Yaw=	/=+267", Roll=-20deg	leg	H.Ang=27deg
Optical GOES 03:28	03:32 03:34		N11E28	AR5451	Mac.=EKI	Carr.Lon.=121deg	Đ <sub>o</sub>	H.Ang=32deg
HXRBS 03:29:38 BCS 03:30 FCS	18 03:30:40 03:31:34 03:32 03:35	Peakc/s=57 CaPeak.c/s=69	Qual=01 Qual= 1	Tot Cts=959 FePeak=03:31	MaxkeV=102 FePeak.c/s=14			XEN=910700
UVSP 03:03 Radio Freque	03:03 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 245/240 410/460	79/909	Exp #=87574	Rast=240"x240" Rast=180"x1"	Step=15" Cad= 262s Step=0" Pitch=-21C	_	1.024s/pixel ',Yaw=+198"
Event # = 11091 89/04/17,17:46 Start	DOY=107 Peak End time	SMM Pointing:	N09E15		Pitch=-307", Yaw	, Yaw=+152", Roll=-20deg		H.Ang=21deg
<pre>)ptical 50ES 17:39</pre>	17:46 17:51		\$19E61 0ual=01	AR5452	Mac.=DAO	Carr.Lon.=80deg		H.Ang≕61deg
HXRBS 17:41:49 UVSP 18:00	9 17:43:24 17:44:21	Peakc/s=51 Wavelength=2788A		Tot Cts=821 Exp #=87606	MaxkeV=102 Rast=180"x1"	Flags=ND Step=O" Pitch	ı=-170"	Pitch=-170",Yaw=+76"
	And district the state of the s		89/04/18	8 DOY=108				
Event # = 1109/ 89/04/18,10:39 Start	/ DOY=108 Peak End times	SMM Pointing:	N09E06	I	Pitch=-257", Yaw	, Yaw=+5", Roll=-20deg		H.Ang=16deg
GOES HXRBS 10:38:50 UVSP 10:20	10:39:01	Peakc/s=58 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=236 Exp #=87641	MaxkeV=102 Rast=243"x243"	Step=3" Pitch	249"	Pitch=-249",Yaw=+19"
Event # = 12773 89/04/18,11:05 Start	D0Y=108 Peak	SMM Pointing:	N09E06		Pitch=-257", Yaw=+5"	=+5", Roll=-20deg		H.Ang=16deg
HXRBS 11:05:01 UVSP 10:20	11:05:03 11:05:14	Peakc/s=32 Wavelength=2788A	Qual=01	Tot Cts=49 Exp #=87641	MaxkeV=368 Rast=243"x243"	Flags=NS,GB Step=3" Pitch=-249°	-	, Yaw=+19"
11000	**************************************		89/04/19	9 00Y=109		NAME OF THE PROPERTY OF THE PR		
89/04/19,00:30 Start	DOY=109 Peak End times	SMM Pointing:	N09402		Pitch=-213",Yaw≖	, Yaw=-107", Roll=-20deg		H.Ang=14deg
ptical DES 00:19	00:30 00:51	HaClass=SF Importance=C5	N33E84	AR5456	Мас.=СНО	Carr.Lon.=40deg	_	H.Ang=88deg
		Peakc/s=205 Wavelength=2788A 2695/35 4995/80 8	Qual=01 Qual=01 Code=00 8800/29	Tot Cts=9791 Exp #=87666	MaxkeV=144 Rast=243"x243"	Step=3" Pitch	Pitch=-203",	, Yaw≖-100"
		Peakc/s=44	Sociated Qual=03	Event # = 11098 Tot Cts=625 Event # = 11101	MaxkeV=102	ags=E		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS 00:34:39	00:34:39 00:34:50 00:35:13	akc/s=42	Qual=01	Tot Cts=139	MaxkeV=102	, , , , , , , , , , , , , , , , , , ,	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

89/04/19.05:40			SMM Pointing:	S05W26		Pitch=+0", Yaw=-423"	423", Roll=0deg	deg	H.Ang=26deg
_ \t	Peak	imes	Class=SF	\$21¥38	AR5449	Mac.=EKI	Carr.Lon.=159deg	:159deg	H.Ang=40deg
GOES 05:35 HXRBS 05:36:37 BCS 05:37	05:40 05:37:11 05:38	05:50 05:37:15 05:47	Importance=C4 Peakc/s=52 CaPeak.c/s=38	Qual=03 Qual=01 Qual= 1	Tot Cts=220 FePeak=05:38	MaxkeV=102 FePeak.c/s=13	#Peaks=1 Sten=0"	dt= 7.7s Cad=1.02s	XEN=910900 1.024s/pixel
CS JVSP 04:57			Wavelength=2788A	Code=00	Exp #=87669	Rast=180"x255"	Step=1"	Pitch=+7",	raw=-366"
				89/04/20	) DOY=110	4			
Event # = 11123 89/04/20,12:26	3 DOY=110		SMM Pointing:	S20W53		Pitch=+503", Yaw=-577"	r=-577", Roll	, Roll=-20deg	H.Ang=53deg
_	Pea	End times	HaClass=SF	\$21457			Carr.Lon.=162deg	=162deg	H.Ang=57deg
GOES HXRBS 12:19:13 BCS 12:20	3 12:19:48 12:26	12:20:27 12:41	Peakc/s=45 CaPeak.c/s=41	Qual=01 Qual=01 Qual= 1	Tot Cts=539 FePeak=12:22	MaxkeV=102 FePeak.c/s=9 Dast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=911000 1.024s/pixel
	12:41 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 1415/120 2695/41	4995/12	Exp #=87681 8800/20 15400/23	Rast=180"x1"	ļ	Pitch=+387	", Yaw=-400"
Event # = 11860 89/04/20.14:14	0 DOY=110		SMM Pointing:	S20W54		Pitch=+509",Ya	, Yaw=-588", Rol	, Roll≖-20deg	H.Ang≕54deg
Start	Peak	imes	HaClass=SF	N09W23	AR5451	Mac.=FKO	Carr.Lon.	.=127deg	H.Ang=27deg
GOES 14:03 HXRBS 14:11:17 UVSP 14:15	14:14 7 14:11:57	14:20 14:12:40	Importance=C4 Peakc/s=55 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=746 Exp #=87683	MaxkeV=102 Rast=180"x1"	Flags=1 Step=0"	Pitch=+390"	", Yaw=-407"
Event # = 11861 89/04/20 15:17			SMM Pointing:	S20W54		Pitch=+509", Ya	, Yaw=-588", Rol	, Roll=-20deg	H.Ang=54deg
Start	Peak	End times	HaClass=SF	S21W55	AR5449	Mac.=EKI	Carr.Lon.=158deg	=158deg	H.Ang=56deg
GOES 15:11 HXRBS 15:12:1 BCS 15:12	15:17 9 15:13:3 15:16	15:42 3 15:13:41 15:54	S 폭 함	Qual=01 Qual=01 Qual= 1	Tot Cts=305 FePeak=15:16	MaxkeV=102 FePeak.c/s=19 Dac+=240"x240"	Flags=I #Peaks=1 Sten=15"	dt= 3.8s X Cad= 262s 1	XEN≖911001 1.024s/pixel
FCS UVSP 14:50			Wavelength=2788A	Code=01	Exp #=87684	Rast=180"x1"		Pitch=+392	.", Yaw=-409"
Event # = 11124 89/04/20,19:55	14 DOY=110	ביין לים	SMM Pointing:	S20W57		Pitch=+520",Ya	, Yaw=-609", Rol	, Roll=-20deg	H.Ang=57deg
Start GOES HXRBS 19:55:4 UVSP 19:30	reak :40 19:55:5	4 19:57:0	Peakc/s=38 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=407 Exp #=87690	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+402"	2", Yaw=-429"
Event # = 22674 89/04/20,21:12 Start	74 DOY=110 Peak	End times							
G0ES BCS 21:11	21:12	21:30	CaPeak.c/s=64	Ųual≖04 Qual= 5	FePeak=21:12	FePeak.c/s=15 Bast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s X Cad= 262s 1	XEN=911002 1.024s/pixel
FCS UVSP 21:03			Wavelength=2788A	_	Exp #=87692	Rast=180"x1"			6", Yaw=-435"

					89/04/21	21 D0Y=111				
event # 89/04/2 GnFS	Event # = 226/5 89/04/21,05:45 Start GDES	o DOY≖111 Peak	End times							
PSS FCS	05:43	05:45	05:51	CaPeak.c/s=27	Qual=01 Qual= 1	FePeak=05:44	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=911100
UVSP	05:01			₩avelength=2788A		Exp #=87703	Kast=U"xU" Rast=243"x243"	Step=0" Step=3"	Cad=1.02s 1 Pitch=+550",	1.024s/pixel ",Yaw=-637"
	= 22676 1,07:01 Start	) DOY=111 Peak	End times							
GOES (	06:53	07:01	07:03	HaClass=SF Importance=C2	\$20W67 0ual=01	AR5449	Mac.=EKO	Carr.Lon.=161deg	=161deg	H.Ang=67deg
ຼ ວ	06:55	07:00	07:03	Cabeak.c/s=59	Qual= 1	FePeak=07:00	FePeak.c/s=15	#Peaks=1	dt= 3.8s	XEN=911101
	06:36			Wavelength=1375A	Code=00	Exp #=87705	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s Pitch=+560	1.024s/pixel ',Yaw=-659"
# <u>.</u> ⊘	= 11866 1,10:09 Start	DOY=111 Peak	End times	SMM Pointing:	S20W65		Pitch=+552", Yaw	, Yaw=-666", Roll=-20deg	]=-20deg	H.Ang=65deg
GOES HXRBS 1 UVSP 1	10:09:27 10:24			Peakc/s=39 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=243 Exp #=87715	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=+432"	, Үаw=-483"
vent # 9/04/21 S	Event # = 11125 89/04/21,14:26 Start	D0Y=111 Peak	Fnd times	SMM Pointing:	S05W00		Pitch=-1", Yaw=+0",	0", Roll=-20deg	)deg	H. Ang=Odeg
ptical OES 1	4:21	14:26	•	HaClass=SF Importance=C5	\$22W67	AR5449	Mac.=EKO	Carr.Lon.=157deg	:157deg	H.Ang=67deg
HXRBS 1 UVSP 1 Radio	4:21:02 4:05 Frequent	4:21:02 14:21:59 14:26:0 4:05 Frequency(MHz)/Flux(sfu)	4	Peak c/s=228 Wavelength=2788A 1415/190 2695/41	Qual=01 Code=01 4995/46	Tot Cts=6852 Exp #=87722 8800/28 15400/29	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=+4",Y	, Yaw=+5"
/ent # 3/04/21 S	Event # = 11127 89/04/21,23:52 Start	DOY=111 Peak	End times	SMM Pointing:	S20W72		Pitch=+577", Yaw=	, Yaw=-697", Roll	, Roll=-20deg	H.Ang≈71deg
otical DES 2	3:47	23:52	23:59	HaClass=SF Importance=C4	N11439	AR5451	Mac.=FKI	Carr.Lon.=124deg		H.Ang=42deg
	23:52:30 ; 23:41 Sweeps	23:52:57 Tvne/In	<b>-</b> .	Peakc/s=51 Wavelength=1375A	Qual=01 Code=00	Tot Cts=634 Exp #=87741	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=+580"	, Yaw=-716"
Radio Fi TTES 23	Frequenc 3:48:59	y (MHŽ)/F - 23:49:28		/180 410/230 c/s=45	06/240 1 <sup>4</sup> sociated Qual=01	606/240 1415/100 2695/25 4995/19   Associated Event # = 11126   Qual=01 Tot Cts=417   MaxkeV	4995/19 MaxkeV=102	•	1	1
- CO	/ = 11128 21,23:57 Start	D0Y=111 Peak	End times	SMM Pointing:	S20W72		Pitch=+577", Yaw=-697"	-697", Roll	, Roll=-20deg	H.Ang=71deg
GOES HXRBS 23 UVSP 23	23:56:43 23:41	23:57:04	23:57:41	   Peakc/s=86   Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=416 Exp #=87741	MaxkeV=144 Rast=70"x70"	Step=5"	Pitch=+580",Yaw=-716"	Yaw=-716"

#avelength=2788A Code=00 Exp #=87742 Rasi=180"x1" S  #avelength=2788A Code=00 Exp #=87742 Rasi=180"x1" S  #avelength=2788A Code=00 Exp #=87742 Rasi=180"x1" S  #avelength=2788A Code=00 Exp #=87742 Rasi=180"x1" S  #avelength=2788A dual=01	# 11129 1/22,01:11 DOY=1 5 Start 01:07 01:07 01:11 01:07:36 01:08 01:10 01:10	12 End times 01:15 01:08:31 01:31	SMM Pointing: Importance=C2 Peakc/s=200 CaPeak.c/s=24	\$20W72 Qual=01 Qual=01 Qual= 6	Tot Cts=2896 FePeak=01:10	Pitch=+577", Yaw MaxkeV=187 FePeak.c/s=10 Past=0"x0"	#=-697", Rol #Peaks=1 Sten=0"	,Roll=-20deg H s=1 dt= 7.7s X 0" Cad=1.02s 1	H.Ang=71deg XEN=911200 1.024s/pixel
Importance=C5	y (MH.	(sfu):	avelength=2788 995/13 8800/48	Code=00 15400/55		Rast=180"x1"	Step=0"	457	, Yaw=-519"
Importance=C5 Qual=O1 Tot Cts=1125 MaxkeV=144 Beaxter(s) Qual=O1 Tot Cts=1125 Rast=180"x1" S45/54 410/62 606/55 1415/19 2695/29 4995/34 8800/19 S45/54 410/62 606/55 1415/19 2695/29 4995/34 8800/19 S45/54 410/62 606/55 1415/19 2695/29 4995/34 8800/19 SMM-Pointing: S20W74 Pitch=+579", Yaw=-SMM Pointing: S20W74 Exp #=87743 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Exp #=87745 Rast=180"x1" SMM-Pointing: S20W74 Rast=180"x1" SMM-P	DOY=	2 End times	SMM Pointing:	S20W72		Pitch=+577",Ya	w=-697",Roll	=-20deg	H.Ang=71deg
Peakc/s=42	01:3 01:3	01:40 18 01:34:45 /Flux(sfu):	rtance=C5 c/s=63 length=27 54 410/62	Qual=01 Qual=01 6/55 1415/	)ts=11 #=8774 595/29	MaxkeV=144 Rast=180"x1" /34 8800/19	Step=0"	Pitch=+459"	', Yaw=-521"
Peakc/s=42 Qual=01 Tot Cts=156 MaxkeV=102 Mavelength=2788A	D0 Y=	112 524	Pointing	S20W74		Pitch=+579", Ya	w=-707",Roll	, Roll=-20deg	H.Ang=73deg
SMM Pointing: \$20W74  SMM Pointing: \$20W74  Importance=C4 Qual=O1 Tot Cts=12052 MaxkeV=320 Peakc/s=852 Qual=O1 Tot Cts=12052 Rast=180"x1" Wavelength=2788A 606/72 1415/21 2695/16 4995/28 8800/93 15400/130	01:4		Peakc/s=42 Wavelength=2788A		Cts=1 #=877	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+459"	", Yaw=-521"
Importance=C4 Qual=O1 Tot Cts=12052 MaxkeV=320 Peakc/s=852 Qual=O1 Tot Cts=12052 MaxkeV=320 Wavelength=2788A 606/72 1415/21 2695/16 4995/28 8800/93 15400/130	= ¥000 34.00	112 524 +imag		S20W74		Pitch=+579",Ya	w=-707",Roll	, Roll=-20deg	H.Ang=73deg
Peakc/s=47 Qual=01 Tot Cts=168 MaxkeV=102  Associated Event # = 11132  CaPeak.c/s=49 Qual=0 Tot Cts=168 MaxkeV=102  CaPeak.c/s=49 Qual= 6 FePeak=03:04 FePeak.c/s=12  Rast=0"x0"  Rast=0"x0"  Rast=0"x0"  HaClass=SN N13W37 AR5451 Mac.=FKI  Importance=M1 Qual=02 Tot Cts=6904 MaxkeV=231  Peakc/s=245 Qual=03 Tot Cts=6904 MaxkeV=231  Wavelength=2788A Code=00 Exp #=87745 Rast=180"x1"  III/ V/1  245/410 410/55 606/63 1415/26 2695/53 4995/82 8800/39 1540  CaPeak.c/s=19 Qual=0 FePeak=04:15 FePeak.c/s=6  Peak3c/s=11  Wavelength=2788A Exp #=87747 Rast=180"x1"	02:5 02:4 02:4	2 02:55 8:41 02:50:38 z)/Flux(sfu):	Importance=C4 Peakc/s=852 Wavelength=2788/ 606/72 1415/21 2	Qual=01 Qual=01 A 2695/16 499	Tot Cts=12052 Exp #=87745 35/28 8800/93 15	MaxkeV=320 Rast=180"x1" 400/130	ags=M5 ep=0"	Pitch=+46	, Yaw=-524"
CaPeak.c/s=49 Qual= 6 FePeak=03:04 FePeak.c/s=12	02:4	6:35 02:47:05	Peakc/s=47	Associated Qual=01	Event # = 11132 Tot Cts=168	MaxkeV=102	1 1 1 1	1	i :
SMM Pointing: S20W74  HaClass=SN N13W37  HaClass=SN N13W37  HaClass=SN N13W37  Rac.=FKI  Importance=M1 Qual=02  Importance=M1 Qual=03  Introduction	03:0		CaPeak.c/s=49	Associated Qual= 6	Event # = 22677 FePeak=03:04	FePeak.c/s=12 Rast=0"x0"	*Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	xEN=911201 1.024s/pixel
Peak End times  03:36  03:50	D0Y=	:112	1	S20W74		Pitch=+579", Ya	v=-707"	, Roll=-20deg	H.Ang=73deg
03:36 03:50 Importance=M1 Qual=02 Tot Cts=6904 Maxkev=231 Wavelength=2788A Code=00 Exp #=87745 Rast=180"x1" Wavelength=2788A Code=00 Exp #=87745 Rast=180"x1" Type/Intensity: III/1 V/1 Cy(MHz)/Flux(sfu): 245/410 410/55 606/63 1415/26 2695/53 4995/82 8800/39 154C D0v=112 Peak End times Qual=00 Qual=00 Gardength=2788A Exp #=87747 Rast=180"x1" Wavelength=2788A Exp #=87747 Rast=180"x1"	Pea	End times	HaClass=SN	N13W37	AR5451	Mac.=FKI	Carr.Lon.=120deg	=120deg	H.Ang=41deg
Type/Intensity: III/1 V/1 cy(MHz)/Flux(sfu): 245/410 410/55 606/63 1415/26 2695/53 4995/82 8800/39 1540    DOY=112	03::	03:50 03:35:02	Importance=Ml Peakc/s=245 Wavelength=2788	Qual=02 Qual=03 A Code=00	Tot Cts=6904 Exp #=87745	MaxkeV=231 Rast=180"x1"	Flags=EN Step=0"	Pitch=+461"	[", Yaw=-524"
End times Qual=00 05:04	cy ( <b>3</b>	tensity: ux(sfu):	111/1 V/1 245/410 410/55	6/63	2695/53	8800/39	15400/14		
.15 05:04 CaPeak.c/s=19 Qual= 6 FePeak=04:15 FePeak.c/s=6 :52 Peak3c/s=11 :52 Wavelength=2788A Exp #=87747 Rast=180"x1"	i .	End		00-1	1				
,	04 04::	5 05:04	CaPeak.c/s=19 Peak3c/s=11 Wavelength=2788	Qual= 6 Qual= 6	FePeak=04:1 Exp #=87747	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+463",	xEN=911202 1.024s/pixel 3",Yaw=-527"

D5:49 D5:53 Handersity: Handers: Name of the control of the cart. Lon. = 125deg	Event # = 11135 89/04/22,05:49 DOY=112 Start Peak End times	SMM Pointing:	S20W74	46	Pitch=+579",Y	, Yaw=-707", Roll=-20deg	H. Ang=73deg
05:52:53 06:53:08 Page         Procession of the control of the	35:44 05:49 05:5	HaClass=1N HaClass=1N	N12W40 S71W43	AR5451		Carr.Lon.=122deg Carr.Lon.=125deg	H.Ang=43deg
DOY=112	05:52:20 05:52:53 05:53 05:00 Sweeps Type/Intensi	Peakc/s=67 Wavelength=2788A III/1 V/3		Tot Cts=893 Exp #=87747	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+46	3", Yaw≖-527"
09:21:41 09:21:56 Peakc/s=50 Qual=01 Tot Cts=583 Maxeev=102  Type/Intensity: 11/2 V/3 V/3 V/3 V/3 V/3 V/4 V/4 V/5 V/3 V/4 V/4 V/5 V/3 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/5 V/4 V/4 V/4 V/4 V/4 V/4 V/4 V/4 V/4 V/4	36 1 DOY=112 Peak End tim	SMM Pointing:	S20W76		Pitch=+585", Ya	aw=-718", Roll=-20deg	H.Ang=76deg
12:30:49   12:31:01	09:21:41 09:21:5 Type/Intensity cy(MHz)/Flux(sfu)	Peakc/s=50 Wavelength=2788A III/2 V/3 245/110	Qua]=01 Qua]=01	Tot Cts=583 Exp #=87749	MaxkeV=102 Rast=180"x1"		7", Yaw=-532"
12:30:49   12:34	DOY=112 Peak End time	SMM Pointing:	S05W00		Pitch=+0", Yaw=	:+0", Roll=-20deg	H.Ang=Odeg
12:30:49 12:31:01 Peakc/s=97 Qual=01 Tot Cts=658 Rast=180"x1" Step=0" Pitch=+4",y  D0Y=112 SMM Pointing: S05W00  14:23:59 14:24:28 Peakc/s=60 Qual=01 Tot Cts=448 Maxkev=102 Mavelength=2788A  14:23:59 14:24:28 Peakc/s=60 Qual=01 Tot Cts=448 Maxkev=102 Rast=180"x1" Step=0" Pitch=+4",y  D0Y=112 SMM Pointing: S2OW87 Pitch=+612",Yaw=-731",Roll=-20deg  20:22:07 20:22:46 Peakc/s=54 Qual=01 Tot Cts=491 Maxkev=144 Rast=180"x1" Step=0" Pitch=+491", Pitch=+612",Yaw=-731",Roll=-20deg  20:22:07 20:22:46 Peakc/s=54 Qual=01 Tot Cts=491 Maxkev=144 Rast=180"x1" Step=0" Pitch=+491", Peak Mayelength=2788A Qual=01 Tot Cts=205 Maxkev=144 Rast=180"x1" Step=0" Pitch=+491", Peak Mayelength=2788A Rast=1	12:29 12:32		N30E37 Oual=01	AR5456	Mac.=HXX	Carr.Lon.=41deg	H.Ang=50deg
DOY=112  Late times  SMM Pointing: S05W00  DOY=112  Late times  Wavelength=2788A  Late times  Wavelength=2788A  Late times  Wavelength=2788A  Late times  Wavelength=2788A  Wa	12:30:49 12:31	Peakc/s=97 Wavelength=2788A	Qual=01	Tot Cts=658 Exp #=87753	MaxkeV=144 Rast=180"x1"		, Yaw≈+5"
14:23:59 14:24:28 Peakc/s=60 Qual=01 Tot Cts=448 Rast=180"x1" Step=0" Pitch=+4",y  DOY=112 SMM Pointing: S20W87 Pitch=+612", Yaw=-731", Roll=-20deg  20:22:07 20:22:46 Peakc/s=54 Qual=01 Tot Cts=491 Maxkev=144 Rast=180"x1" Step=0" Pitch=+491",  DOY=112 SMM Pointing: S20W87 Pitch=+612", Yaw=-731", Roll=-20deg Peak  Exp #=87764 Rast=180"x1" Step=0" Pitch=+491",  Peak End times SMM Pointing: S20W87 Pitch=+612", Yaw=-731", Roll=-20deg Peakc/s=48 Qual=01 Tot Cts=205 Maxkev=144  Boy=112 Rast=180"x1" Step=0" Pitch=+491",  Peak End times Qual=00 Tot Cts=205 Maxkev=144  Bayelength=2788A Rast=180"x1" Step=0" Pitch=+491",	D0Y=112 Peak		S05W00		Pitch=+0", Yaw=	+0", Roll=-20deg	H.Ang=Odeg
DOY=112 Peak End times HaClass=SF N13W47 AR5451 Mac.=FHI Carr.Lon.=121deg 20:22:07 20:22:46 Peakc/s=54 Qual=01 Tot Cts=491 Maxkev=144 Rast=180"x1" Step=0" Pitch=+491"  20:22:07 20:22:46 Peakc/s=54 Qual=01 Tot Cts=491 Maxkev=144 Rast=180"x1" Step=0" Pitch=+491"  20:22:07 20:22:46 Peakc/s=54 Qual=01 Tot Cts=491 Maxkev=144 Rast=180"x1" Step=0" Pitch=+491", Mayelength=2788A Exp #=87766 Rast=180"x1" Step=0" Pitch=+491",	14:23:59	Peakc/s=60 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=448 Exp #=87756	MaxkeV=102 Rast=180"x1"	Pitch=+4"	Yaw=+5"
20:22:07 20:22:46	DOY=112 Peak End		S20W87		Pitch=+612",Ya	w=-731", Roll=-20deg	H.Ang=86deg
20:22:07 20:22:46 Peakc/s=54 Qual=01 Tot Cts=491 MaxkeV=144 Wavelength=2788A Wavelength=2788A Wavelength=2788A Wavelength=2788A Wavelength=2788A Wavelength=2788A Wavelength=2788A Wavelength=2788A Exp #=87766 Rast=180"x1" Step=0" Pitch=+491", Pitch=+612", Paw=-731", Roll=-20deg WaxkeV=144 Waxelength=2788A Exp #=87766 Rast=180"x1" Step=0" Pitch=+491",		Class=SF	N13W47	AR5451	Mac.=FHI	Carr.Lon.=121deg	H.Ang=50deg
DOY=112 SMM Pointing: \$20W87 Pitch=+612",Yaw=-731",Roll=-20deg Peak End times Qual=00 Qual=01 Tot Cts=205 MaxkeV=144 Exp #=87766 Rast=180"x1" Step=0" Pitch=+491"	20:21:51 20:22:07 20:22:46 20:31 Frequency(MHz)/Flux(sfu):	c/s=54 ength=2788A 50 2695/3		Tot Cts=491 Exp #=87764	MaxkeV=144 Rast=180"x1"		", Yaw=-547"
21:59:29 21:59:51 Peakc/s=48 Qual=00 Tot Cts=205 MaxkeV=144 Wavelength=2788A Exp #=87766 Rast=180"x1" Step=0"	DOY=112 Peak End	Pointing	S20W87		Pitch=+612", Yaw	w=-731", Roll=-20deg	H.Ang=86deg
	21:59:29	c/s=48 ength=2788A		fot Cts=205 Exp #=87766	MaxkeV=144 Rast=180"x1"		", Yaw=-547"

				89/04/23	D0V=113				
Event # = 11141 89/04/23,05:30 p Start GOES 05:24 C HXRBS 05:24:09 C UVSP 05:24	DOY=113 Peak 05:30 05:24:34	End times 05:37 05:25:22 05:29:02	Importance=C2 (Peakc/s=78 (Wavelength=1375A (Peakc/s=40 (Pea	Qual=01 Qual=01 Code=00 Sociated Qual=01	Tot Cts=1195 Exp #=87783 Event # = 11142 Tot Cts=168	MaxkeV=231 Rast=110"x200" 	Step=5"	Pitch=+641"	, Үам=-747"
Event # = 11143 89/04/23,12:48 Start GOES HXRBS 12:47:20 UVSP 12:36	DOY=113 Peak ) 12:48:14	End times 12:48:44	Peakc/s=44 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=333 Exp #=87799	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+491",Yaw≖-547"	, Yaw≖-547"
Event # = 22679 89/04/23,16:36 Start Optical GOES BCS 15:55 FCS 16:40	00Y=113 Peak 16:36	End times 16:48	HaClass=SF CaPeak.c/s=33 Wavelength=2788A	N11W64 Qual=00 Qual= 6	AR5451 FePeak=16:16 Exp #=87804	Mac.=FAI FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	Carr.Lon.=127deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	=127deg H dt= 7.7s X Cad=1.02s 1 Pitch=+240",	H.Ang=66deg XEN=911300 1.024s/pixe1 ',Yaw=-686"
Event # = 22680 89/04/23,17:49 Start Optical GOES BCS 17:26 FCS 18:14	) D0Y=113 Peak 17:49	End times 18:20	HaClass=SF CaPeak.c/s=22 Wavelength=2788A	N11W64 Qual=00 Qual= 6	AR5451 FePeak=18:09 Exp #=87806	Mac.=FAI FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	Carr.Lon.=126deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s +243	H.Ang=66deg XEN=911301 1.024s/pixel ",Yaw=-946"
Event # = 11144 89/04/24,00:01 Start GOES HXRBS 00:00:51 UVSP 23:41 Radio Frequen	4 DOY=114 Peak 1 00:01:10 ncy(MHz)/	= 11144 4,00:01 DOY=114 Start Peak End times 00:00:51 00:01:10 00:05:35 23:41 Frequency(MHz)/Flux(sfu):	SMM Pointing: Peakc/s=57 Wavelength=2788A 245/51	89/04/24 N14E86 Qual=03 Qual=01	t D0Y=114 Tot Cts=2882 Exp #=87827	Pitch=-533", Yaw=+792", Roll=-20deg MaxkeV=102 Rast=243"x243" Step=3" Pitch=-	r=+792",Rol Step=3"	]=-20deg Pitch=-526	=-20deg H.Ang=87deg Pitch=-526", Yaw=+805"
Event # = 11145 89/04/24,03:39 Optical GOES 03:35 HXRBS 03:36:10 UVSP 03:31	5 D0Y=114 Peak 03:39 0 03:37:37	End times 03:49 7 03:38:42	SMM Pointing: HaClass=SF Importance=C3 Peakc/s=75 Wavelength=2788A	N14E86 N28E16 Qual=02 Qual=01 Code=00	AR5456 Tot Cts=2288 Exp #=87831	Pitch=-533", Yaw=+792", Roll=-20deg Mac.=CAO Carr.Lon.=41deg MaxkeV=144 Rast=180"x1" Step=0" Pitch=-	<pre>/=+792",Roll=-20d Carr.Lon.=41deg Step=0" Pitch</pre>	20deg	H.Ang=87deg H.Ang=36deg ",Yaw≖+722"

Start	Peak	End times							
60ES BCS 05:10	05:10	05:12	CaPeak.c/s=24	Qua]=00 Qua]= 6	FePeak=05:10	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=911400
UVSP 05:05			Wavelength≖2788A		Exp #=87833	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=3840s Pitch=-399",	3840s/pixel ',Yaw=+722"
Event # = 11154 89/04/24,06:25 Start	DOY=114 Peak	End times	SMM Pointing:	N14E86		Pitch=-533", Ya	', Yaw=+792", Roll=-20deg	1=-20deg	H.Ang=87deg
ical S 06:19	06:25	06:31	HaClass=SF	N09W68	AR5451	Mac.=FKI	Carr.Lon.=123deg	=123deg	H.Ang=69deg
HXRBS 06:20:08 UVSP 06:39	06:21:02	06:24:16	Peakc/s=85 Wavelength=2788A	Qual=01	Tot Cts=3393 Exp #=87835	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-399"	', Yaw=+722"
Event # = 11146 89/04/24,08:10 Start	DOY=114 Peak	End times							
GUES HXRBS 08:10:39 UVSP 08:11	08:10:39 08:10:49 08:11:12 08:11	08:11:12	Peakc/s≖56 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=205 Exp #=87836	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-399", Yaw=+722"	', Yaw=+722"
Event # = 11147 89/04/24,09:18 Start	DOY=114 Peak	End times							
G0ES HXRBS 09:17:40 UVSP 09:45	09:17:40 09:18:03 09:19:06 09:45		Peakc/s=42 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=473 Exp #=87837	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-399",Yaw=+722"	, Yaw=+722"
Event # = 11155 89/04/24,14:10 Start	D0Y=114 Peak	End times						The second secon	
GOES HXRBS 14:10:12 UVSP 14:24	14:10:12 14:10:58 14:11:17 14:24		Peakc/s=40 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=286 Exp #=87843	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-399", Yaw=+721"	, Yaw=+721"
Event # = 11156 89/04/24,17:26 Start	D0Y=114 Peak	End times	SMM Pointing:			Pitch=-531", Yaw=+798", Roll=-20deg	W=+798", Rol	]=-20deg	
GOES HXRBS 17:25:32 UVSP 17:30	17:25:32 17:26:01 17:26:42 17:30		Peakc/s=49 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=371 Exp #=87847	MaxkeV=102 Rast=180"x1"	Flags=ND Step=0"	Pitch=-399", Yaw=+721"	, Yaw=+721"
Event # = 11157 89/04/24,21:59 Start	DOY=114 Peak	End times	SMM Pointing:	S21W17		Pitch=+342", Yaw=-151", Roll=-20deg	W=-151", Rol	=-20deg	H.Ang=23deg
GOES HXRBS 21:58:53 UVSP 21:27	21:58:53 21:59:08 21:59:23 21:27		Peakc/s=40 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=217 Exp #=87859	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=+331",Yaw=-151"	, Yaw=-151"

			89/04/25	DOY=115				
Event # = 11165 89/04/25.21:08 DOY=115		SMM Pointing:	S21W29		Pitch=+411",Yaw	,Yaw=-317",Roll=-20deg	eg H.Ang=33deg	leg
Start Peak			S18W32	AR5454	Mac.=DHO	Carr.Lon.=66deg	H.Ang=34deg	jeg
GGES 21:05 21:08 HXRBS 21:07:44 21:07:54 UVSP 21:07	21:11 21:08:32	Importance=C5 Peakc/s=68 Wavelength=1375A		Tot Cts=542 Exp #=87906	MaxkeV=102 Rast=10"x10"	Step=0" Pitch	Pitch=+401",Yaw≖-365"	= 22
Event # = 11166 89/04/25,22:31 DOY=115	t bud	SMM Pointing:	S21W30		Pitch=+415", Yaw	Pitch=+415", Yaw=-328", Roll=-20deg	eg H.Ang≕34deg	deg
GOES Start Feak HXRBS 22:29:06 22:31:53 UVSP 22:14		Peakc/s=53 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=3992 Exp #=87910	MaxkeV=144 Rast=70"x70"	Step=5" Pitch	Pitch=+404",Yaw=-378	- - -
			89/04/26	DOY=116				
Event # = 11167 89/04/26,03:02 DOY=116		SMM Pointing:	S21W33		Pitch=+428",Yaw	, Yaw=-360", Roll=-20deg	eg H.Ang=36deg	deg
	End times	HaClass=SF	\$21E70	AR5464	Mac.=CS0	Carr.Lon.=320deg	ig H.Ang≖70deg	bəp
GOES 02:59 03:02 HXRBS 02:59:16 02:59:25 UVSP 02:37	03:04 5 02:59:40	Importance=C2 Peakc/s=70 Wavelength=2788A	Qual=01 Qual=01 Code=01 E	Tot Cts=313 Exp #=87914	MaxkeV=102 Rast=180"x1"	Step=0" Pitch	Pitch=+307",Yaw=-173"	3
Event # = 11171 89/04/26,14:28 DOY=116		SMM Pointing:	S05W00		Pitch=+0", Yaw=+	', Yaw=+0", Roll=Odeg	H.Ang=Odeg	leg
	14:2	Peakc/s=36 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=89 Exp #=87929	MaxkeV=102 Rast=180"x1"	Step=0" Pitch	Pitch=-4",Yaw=+0"	
Event # = 11173 89/04/26,21:56 DOY=116		SMM Pointing:	S23W45		Pitch=+513",Yav	, Yaw=-472", Roll=-20deg	deg H.Ang≃47deg	/deg
	End times	HaClass=SF	S19W45	AR5454	Mac.=EHI	Carr.Lon.=65deg	g H.Ang=46deg	gdeg
GDES HXRBS 21:56:40 21:56:43 UVSP 21:54	3 21:56:54	Peakc/s=42 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=54 Exp #=87948	MaxkeV=102 Rast=10"x10"	Step=0" Pitcl	Pitch=+466",Yaw=-52	23"
Event # = 11172 89/04/26,23:06 DOY=116	-	SMM Pointing:	S23W46		Pitch=+518", Ya	, Yaw=-482", Roll=-20deg	deg H.Ang≈48deg	8deg
Start Peak Optical	End times		S19W47	AR5454	Mac.=EHI	Carr.Lon.=66deg	g H.Ang=48deg	8deg
GOES 23:02 23:06 HXRBS 23:03:03 23:03:30 BCS 23:04 23:05	23:10 0 23:04:27 23:11	importance=uz Peakc/s=56 CaPeak.c/s=66	(ual=01 (ual=1 (ual= 1	Tot Cts=560 FePeak=23:04	MaxkeV=102 FePeak.c/s=15 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s XEN=911600 Cad= 262s 1.024s/pixel	600 pixel
FCS UVSP 23:03		Wavelength=1375A Code=00	Code=00	Exp #=87952	Rast=70"x70"	Step=5"	h=+469", Yaw=-5	29"

AR5464 Mac.=EKI Carr.Lon.=311deg  Tot Cts=93 MaxkeV=102  Exp #=87954 MaxeV=102  Exp #=87954 Rast=180"x1" Step=0" Pitch=+404  Pitch=+538", Yaw=-524", Roll=-20deg  Tot Cts=331 MaxkeV=102  Exp #=87961 Rast=180"x1" Step=0" Pitch=+416  AR5454 Mac.=EHI Carr.Lon.=66deg  ePeak=16:25 Rast=0"x0" Step=0" Pitch=+440  Rast=0"x0" Step=0" Cad=1.02s  xp #=87965 Rast=0"x0" Step=0" Cad=1.02s  xp #=87978 Rast=265"x265" Step=0" Cad=1.02s  xp #=87978 Rast=0"x0" Step=0" Cad=1.02s  xp #=87978 Rast=0"x0" Step=0" Cad=1.02s  AR5454 Mac.=EHI Carr.Lon.=62deg  AR5454 Mac.=EHI Carr.Lon.=62deg  AR5454 Mac.=EHI Carr.Lon.=62deg  FePeak.c/s=15 #Peaks=1 dt= 7.7s  Rast=0"x0" Step=0" Cad=1.02s  AR5454 Mac.=EHI Carr.Lon.=62deg  AR5454 Mac.=EHI Carr.Lon.=62deg  FePeak.c/s=19 #Peaks=1 dt= 7.7s  Rast=180"x180" Step=10" Cad=333s  to deal of the code and	7 7 7			7	89/04/27	27 D0Y=117				
State   Stat	/27,01:10  Start	+	End times	SMM Pointing:	S23W47		-	aw=-493", Rc	11=-20deg	H.Ang=49deg
Start   Peak   Code-02   Exp #=07954   Rast=180°X1"   Step=0"   Pitch=+400     1.18	· ~ .	01:10	01:1	HaClass=SF Importance=Cl	\$23E67		Mac.=EKI	Carr. Lon	1.=311deg	H.Ang=67deg
11   12   13   14   15   15   15   15   15   15   15		01:04	01:04:1	Peakc/s=41 Wavelength=27884	Qual=01	Tot	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+40	4", Yaw=-312"
06:99   06:53   06:56   Importance=C  Qual=0  Tot Cts=33  Pask=180"x "   Step=0" Pitch=4416	Event # = 11175 89/04/27,06:53 Start	DOY= Peak	End time	S	S23W50	7.7	Pitch=+538", Ya	3W=-524", Ro	11=-20deg	H.Ang=52deg
4727_16:25	GOES 06:49 HXRBS 06:50:48 UVSP 06:31	06:5 06:5	06:56	E o is	Qual=01 Qual=01 Code=01	Tot Cts=331 Exp #=87961	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+4](	5", Yaw=-338"
16:25   16:25   16:30   CaPeak.c/s=21   Qual= 0   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   FePeak.c/s=13   Gual=01   FePeak=19:05   FePeak.c/s=13   FePeak=11:05   FePeak.c/s=13   FePeak=11:05   FePeak.c/s=13   FePeak=11:05   FePeak.c/s=13   FePeak=11:05   FePeak.c/s=13   FePeak=11:05   FePeak.c/s=13   FePeak=11:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak.c/s=13   FePeak=13:05   FePeak.c/s=13   FePeak.c/s=	t # 4/2	DOY=117 Peak	End time			*				
10:25   10:25   10:30   CaPeak.c/s=21   Qual= 4   FePeak=16:25   FePeak.c/s=13   FePeak=16:25   Rast=180"x "   Step=0"   Cad=1.02s   Cad=1.02s   Step=0"   Step=0"   Step=0"   Cad=1.02s   Cad=1.02s   Step=0"   Step=0"   Step=0"   Step=0"   Step=0"   Step=0"   Step=0"   Step=0"   Pitch=+440   Al27,19:05   DOY=117   Peak	3	•		•	\$21₩56 Qual=00	AR5454	Mac.=EHI	Carr.Lon	•=66deg	H.Ang=57deg
## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22683  ## = 22684  ## = 22683  ## = 22685  ## = 2	CS 16:25 VSP 16:47	7:0	• •	CaPeak.c/s=21 Wavelength=2788A		FePeak=16:25 Exp #=87965	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+44	XEN=911700 1.024s/pixel 1., Yaw=-383"
18:59   19:05   19:14   HaClass=SF   S19W57   AR5454   Hac.=EHI   Carr.Lon.=65deg     18:59   19:05   19:14   Importance=C1   Qual=O1   Qual=O1     18:05   19:05   19:14   Importance=C1   Qual=O1   Qual=O1     18:05   19:05   19:14   Importance=C1   Qual=O1   Qual=O1     18:05   19:05   19:14   Importance=C1   Qual=O1   Qual=O1     18:05   Peaks   Peaks   Peaks   Peaks   Peaks   Peaks   Peaks   Peaks     18:07	t # = 2268 4/27,19:05 _Start	D0Y≠11 Peak								
19:05 19:11 CaPeak.c/s=31 Qual= 5 FePeak=19:05 FePeak.c/s=9 #Peaks=1 dt=7.7s 19:07 Wavelength=1375A Code=02 Exp #=87967 Rast=265"x265" Step=5" Pitch=+573"  19:07 Wavelength=1375A Code=02 Exp #=87967 Rast=265"x265" Step=5" Pitch=+573 Pitch=+573 Pitch=+578 Pitch=+573 Pitch=+57	- K	0:6	9:14	HaClass=SF Importance≖Cl	\$19W57 Qual=01	AR5454	Mac.=EHI	Carr.Lon.	.=65deg	H.Ang=57deg
1,4 = 22684 1/27,21:05		0: 0:	9:11	CaPeak.c/s=31 Wavelength=1375A		FePeak=19:05 Exp #=87967	FePeak.c/s=9 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=6"	dt= 7.7s Cad=1.02s	
Start Peak   End times   21:05   21:13   CaPeak.c/s=38   Qual= 1   FePeak=21:05   FePeak.c/s=15   #Peaks=1   dt= 7.7s   21:04   21:05   21:13   CaPeak.c/s=38   Qual= 1   FePeak=21:05   Rast=0"x0"   Step=0"   Cad=1.02s   20:43   Wavelength=1375A   Code=00   Exp #=87978   Rast=30"x30"   Step=0"   Pitch=+538"    # = 22685   FePeak.c/s=15   FePeak.c/s=15   #Peaks=1   dt= 7.7s    # = 22685   FePeak.c/s=18   FePeak.c/s=19   #Peaks=1   dt= 7.7s    # = 22685   FePeak.c/s=18   Gad=1.02s    # = 22685   FePeak.c/s=18   FePeak.c/s=19   #Peaks=1   dt= 7.7s    # = 22685   Fe	# = 22684 /27_21:05	DOY=11			1		6034 603	Cedarc	r i ccr = +3/	
20:43 Wavelength=1375A Code=00 Exp #=87978 Rast=30"x0" Step=0" Cad=1.02s	Start 21:01 21:04	Peak 21:05 21:05		mportance=Cl aPeak.c/s=38	Qual=03 Qual= 1	FePeak=21:05	FePeak.c/s=15	#Peaks=1	dt= 7,7s	XEN=011702
# = 22685 4/28,15:29	20:4			Wavelength=1375A	Code=00	Exp #=87978	Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s Pitch=+538	1.024s/pixel ", Yaw=-628"
4/28,15:29 DOY=118 Start Peak End times  Asign	/ent # = 22685				89/04/28					
15:14 15:29 16:09	9/04/28,15:29 Start Stical Start Stical	DOY Pea	times	aClass=SF	\$20W65	AR5454	Mac.=EHI	Carr. Lon.	=62deg	H. Ang=65deg
15:04   Wavelength=2788A   Exp #=88005   Rast=180"x180"   Step=10" Cad= 332s   Rast=180"x1"   Step=0" Pitch=+482"	15	:5		ak.c/s=98	Qual≖00 Qual≈ 1	FePeak=15:28	FePeak.c/s=19		dt= 7.7s	
	15		<b>-</b>	√avelength=2788A		Exp #≈88005	Rast=180"x180" Rast=180"x1"		Cad= 332s Pitch=+482"	

Event # = 22686 89/04/28,17:24 Start GOES BCS 16:50 FCS UVSP 16:38	86 4 DOY=118 Peak 17:24	End times 17:24	CaPeak.c/s=34 Wavelength=2788A	Qual=00 Qual=2	FePeak=17:09 Exp #=88007	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XI Cad=1.02s 1 Pitch=+484",	XEN=911801 1.024s/pixel ",Yaw=-465"
Event # = 22687 89/04/29,01:20 Start GOES 01:12 BCS 01:12 FCS 01:20	87 0 D0Y=119 Peak 01:20 01:18	End times 01:36 01:26	Importance=C4 CaPeak.c/s=99 Wavelength=2788A	Qual=03 Qual= 1 Code=02	FePe	FePeak.c/s=18 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s XI Cad= 262s 1 Pitch=+497",	XEN=911900 1.024s/pixel ", Yaw=-485"
Event # = 22688 89/04/29,10:17 Start GOES 10:12 BCS 10:12 FCS 10:38	188 7 DOY=119 Peak 10:17	End times 10:26	CaPeak.c/s=33 Wavelength=2788A	Qual=01 Qual= 1	FePeak=10:12 Exp #=88025	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+509",	XEN=911901 1.024s/pixel ",Yaw=-500"
Event # = 22689 89/04/30,04:27 Start GOES 04:25 ECS 04:25 FCS UVSP 04:15	89 27 D0Y=120 Peak 04:27 04:30	End times 04:38	CaPeak.c/s=22 Peak3c/s=11 Wavelength=2788A	89/04/30 Qual=00 Qual= 4	FePe Exp	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+15",	XEN=912000 1.024s/pixel Yaw=+272"
Event # = 11185 89/04/30,06:09 Start GOES HXRBS 06:09:45 UVSP 05:49 Radio Frequen	= 11185 0,06:09 DOY=120 Start Peak End time: 06:09:45 06:09:55 06:10:08 05:49 Frequency(MHz)/Flux(sfu):	l LA	SMM Pointing: Peakc/s=168 Wavelength=2788A 4995/59	\$19E17 Qual=00 Qual=01	Tot Cts=665 Exp #=88055	Pitch=+140", Yav MaxkeV=144 Rast=180"x1"	,Yaw=+329",Roll=-20deg ." Step=0" Pitch=+	19	H.Ang=22deg ',Yaw=+260"
Event # = 22690 89/04/30,23:11 Start Optical GOES BCS 23:11 FCS 23:11	690 11 DOY=120 Peak 23:11	End times 23:14	HaClass=SF CaPeak.c/s=19 Wavelength=2788A	\$22E11 Qual=00 Qual= 4	AR5464 FePeak=23:11 Exp #=88073	Mac.=FHI FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Carr.Lon.=316deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	.=316deg dt= 7.7s Cad=1.02s Pitch=+67"	H.Ang=21deg XEN=912001 1.024s/pixe1 ,Yaw=+126"

Cyen+ # - 1110	30			10/50/68	01 D0Y=121			
89/05/01,01:14 Start	4 DOY=121 Peak	End times	SMM Pointing:	S19E07		Pitch=+189",	, Yaw=+184", Roll=-20deg	H.Ang=16deg
Optical GOES 00:54	01:14	02:1		N28E60	AR5470	Mac.≖DAO	Carr.Lon.≖265deg	H.Ang≖66deg
S	46 00:59:20 Tvpe/In	10 01:28:58	Peakc/s=837 Wavelength=2788A	Qual=03 Qual=03 A Code=02	Tot Cts=2.78E+5 Exp #=88075	MaxkeV=275   Rast=180"x1"	Flags=M5,EN Step=0" Pitch=+74",Yaw=+106"	', Yaw=+106"
Radio Freque	Frequency(MHz)/Flux(sfu)	Flux(sfu):	410/20 1415/120	2695/170	4995/320 8800/380	0 15400/370		
Event # = 11187 89/05/01,02:15 Start	37 5 DOY=121 Peak	End times	SMM Pointing:	S19E06		Pitch=+196",Υ	Pitch=+196", Yaw=+173", Roll=-20deg	H.Ang=16deg
GOES HXRBS 02:15:50 UVSP 01:58	0 02:15:54	4 02:16:19	Peakc/s=46 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=143 Exp #=88076	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+76",	, Yaw=+101"
Event # = 11188 89/05/01,10:46 Start	8 DOY=121 Peak	End times	SMM Pointing:	S19E02		Pitch=+218",Y	', Yaw=+110", Roll=-20deg	H.Ang=15deg
Optical GOES 10:42	10:46		HaClass≖SF Importance≡C2	\$18E05	AR5464	Mac.=FHI	Carr.Lon.=315deg	H.Ang=15deg
(RBS 10:43:00 /SP 10:40	0 10:43:31	1 10:44:03	Peakc/s=529 Wavelength=2788A		Tot Cts=3517 Exp #=88087	MaxkeV=231 Rast=180"x1"	Flags=M5,FS Step=0" Pitch=+101",	", Yaw=+31"
Event # = 11189 89/05/01,13:18 Start	9 DOY=121 Peak	End times	SMM Pointing:	S19W00		Pitch=+230", Ya	, Yaw=+79", Roll=-20deg	H.Ang=15deg
Optical GOES 13:10	13:18	13:22	HaClass=SF Importance=C2	N29E56	AR5470	Mac.=DAO	Carr.Lon.=263deg	H.Ang=63deg
RBS 13:17:14 SP 13:46	4 13:17:39	13:17:56	Peakc/s=46 Wavelength=2788A	Qual=01	Tot Cts=282 Exp #=88091	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+110"	", Yaw=+6"
Event # = 11190 89/05/01,15:36 Start	0 DOY=121 Peak	End times	SMM Pointing:	S19W01		Pitch=+235",Ye	, Yaw=+69", Roll=-20deg	H. Ang=15deg
Optical GOES 15:24	15:36	15:48	HaClass=SF Importance=C3	N29E52 0ual=02	AR5470	Mac.=DAO	Carr.Lon.=265deg	H.Ang=60deg
RBS 15:20:56 SP 15:20	5 15:21:24	15:23:30	Peakc/s=97 Wavelength=2788A	Qual=01 Code=00	Tot Cts=3806 Exp #=88093	MaxkeV=231 Rast=180"x1"	Step=0" Pitch=+116"	', Yaw=-6"
Event # = 11191 89/05/01,20:48 Start	D0Y=121 Peak	End times	SMM Pointing:	S19W04		Pitch=+253", Ya	Pitch=+253", Yaw=+21", Roll=-20deg	H.Ang=15deg
Optical GOES 20:45	20:48	20:59	HaClass=SN Importance=C3	N28E51 Oual=01	AR5470	Mac.=DAO	Carr.Lon.=264deg	H.Ang≈59deg
RBS 20:45:35 SP 20:48	20:45:54	20:46:22	c/s=102 length=1375A	Qual=01 Code=02	Tot Cts=947 Exp #=88109	MaxkeV=102 Rast=30"x30"	Step=5" Pitch=+237",Yaw=+96"	, Yaw=+96"

Event # = 11192			CMM Pointing:	S19W04		Pitch=+253", Yaw=-	, Yaw=+21", Roll=-20deg	_	H.Ang=15deg
Star	Peak	шes	Class=SF	N27E49	AR5470	Mac.=DA0	Carr.Lon.=2	.=265deg	H.Ang=57deg
G0ES 21:08 HXRBS 21:08:41 UVSP 21:09	21:27 21:09:35	21:36 21:10:57	Importance=C6 ( Peakc/s=82 ( Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=1604 Exp #=88111	MaxkeV=102 Rast=30"x30"	Step=5" F	Pitch=+238",	, Yaw=+94"
				89/05/02	D0Y=122				
Event # = 11193 89/05/02,06:19	1		SMM Pointing:	S19W09		Pitch=+281",Yaw=-53"	53", Roll=-20deg		H.Ang=17deg
Start GOES 06:16 HXRBS 06:15:38 UVSP 05:50	Peak 06:19 06:16:23	End times 06:24 06:16:59	Importance=C3 Peakc/s=46 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=412 Exp #=88129	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+159"	,Yaw=-122"
Event # = 11195			SMM Pointing:	S19W10		Pitch=+285", Yaw=-65"	65", Roll=-20deg		H.Ang=18deg
Start	Peak	mes	.Class=1F	S10E70			Carr.Lon.=238deg	238deg	H.Ang=70deg
GOES 07:50 HXRBS 07:53:29 UVSP 08:22	07:59 9 07:54:15	08:07 07:54:24	rtance=C4 c/s=40 ]ength=2788A	Qua]=01 Qua]=01	Tot Cts=225 Exp #=88132	MaxkeV=10 Rast=180"	Step=0"	Pitch=+167"	, Yaw=-142"
07:51:2 07:24	6 07:52:03	07:52:29	Peakc/s=39 Wavelength=2788A	sociated Qual=01	Event # = 11154 Tot Cts=213 Exp #=88131	MaxkeV=102 Rast=180"x1"	ep=0"	tch=+	, Yaw=-135"
Event # = 11196 89/05/02.14:10	5 DOY=122		SMM Pointing:	N29E40		Pitch=-657", Yaw	, Yaw=+330", Roll	,Roll=-20deg	H.Ang=50deg
Ontical	Peak	End times	HaClass=1N	N30E43	AR5470	Mac.=DAI	Carr.Lon.=262deg	=262deg	H.Ang=53deg
GOES 13:59 HXRBS 14:00:37 BCS 14:00	14:10 7 14:02:36 14:08	14:32 6 14:05:32 14:40	Importance=C7 Peakc/s=141 CaPeak.c/s=361	Qual=03 Qual=01 Qual= 1	Tot Cts=8475 FePeak=14:05	MaxkeV=144 FePeak.c/s=78 Rast=240"x240"	#Peaks=1 Step=15"		XEN=912200 1.024s/pixel
rts UVSP 14:33 Radio Sweeps Radio Freque	Type/ lency (MHz)/	Type/Intensity: /(MHz)/Flux(sfu):	Wavelength=2788A III/1 245/140 4995/98	8800/55	Exp #=88140	Rast=180"x1"		. 1	, Yaw=+255
Event # = 11197 89/05/02 14:38	) OO	Transfer of the state of the st	SMM Pointing:	N29E40		Pitch=-657", Yaw	, Yaw=+330", Roll	, Roll=-20deg	H.Ang=50deg
Optical	Peak	End times	•	\$18W06	AR5464	Mac.=FHO	Carr.Lon.=311deg	=311deg	H.Ang=15deg
GOES HXRBS 14:38:24 14 UVSP 14:33 Radio Frequency(	:38: MHz)	44 14:39:25 /Flux(sfu):	Peakc/s=91 Wavelength=2788A 245/320 410/70	Qual=01	Tot Cts=938 Exp #=88140	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-522"	", Yaw=+255"
Event # = 22691 89/05/02,16:40 Start Optical	71 ) DOY=122 Peak	End		N27E38	AR5470	Mac.=DAI	Carr.Lon.	=266deg	H.Ang=48deg
	16:40 16:51	17:49 17:22	Importance=M1 CaPeak.c/s=480 Wavelength=2788A	Qual=05 Qual= 5	FePeak=16:51 Exp #=88143	FePeak.c/s=75 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=15" Step=3"	dt= 3.8s Cad= 262s Pitch=-64	XEN=912201 1.024s/pixel 5", Yaw=+325"

	Start Peak	End times							
GOES BCS 18:24 FCS	18:24	18:39	CaPeak.c/s=27	Qual=00 Qual= 5	FePeak=18:24	FePeak.c/s=6		dt= 7.7s	XFN=912202
18:2			Wavelength=1375A		Exp #=88144	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=-642",	1.024s/pixel ", Yaw=+316"
Event # = 11198 89/05/02,19:05 Start	8 DOY=122 Peak	End times	₹.	N29E37	The state of the s	Pitch=-648", Yaw=+300", Roll=-20deg	w=+300", Ro]	]=-20deg	H.Ang=48deg
DES 18:46	19:05	20:25	HaClass≈2N Importance=M3	\$21W12 0ual=02	AR5464	Mac.=FHO	Carr.Lon.=314deg	=314deg	H.Ang=21deg
~~.3	1 18:56:28 [/ed/]	3 18:58:17 Intensity:	Peakc/s=60 Wavelength=1375A 111/2	Qual=03 Code=00	Tot Cts=7274 Exp #=88150	MaxkeV=102 Rast=10"x10"	Flags=ES Step=0"	Pitch=-689	Pitch=-689", Yaw=+326"
Radio Frequer	Frequency(MHz)/Flux(sfu)	·lux(sfu):	560 410/140	606/39 14	606/39 1415/210 2695/110	4995/80			
Event # = 11199 89/05/02,20:02 Start Optical	) DOY=122 Peak	End times	SMM Pointing:	N29E37		Pitch=-648", Yav	, Yaw=+300", Rol	, Roll=-20deg	H.Ang=48deg
GOES HXRBS 20:02:39 UVSP 20:01 Radio Sweens	. 20:02:50 Type/I	0 .	) <u>~</u> (1)	Qual=00 Qual=01	Tot Cts=426 Exp #=88155	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=-687".Yaw=+324	". Yaw=+324"
dio Frequer	Frequency (MHz)/Flux(sfu)	• • •	245/500 410/270	1415/160					
00011 - # +00				89/02/03	3 D0Y=123				
89/05/03,03:58 Start	D0Y=123 Peak	End times	SMM Pointing:	N29E33		Pitch=-635", Yaw	, Yaw=+254", Rol	, Roll=-20deg	H.Ang=46deg
Optical Optical	; ;		.Class=3B .Class=SF	N27E32 N21E33	AR5470 AR5470	Mac.=EAI	Carr. Lon. =265deg		H. Ang=44deg
60ES 03:24 HXRBS 03:39:58 GBS 03:39:50	03:58 03:55:55	04:55 04:25:01	rtance=X2 c/s=12970	Qua]=04 Qua]=02	Tot Cts=3.30E+6	MaxkeV=858	Flags=M5 SN		H.Ang≈41αeg
03:41	03:59		CaPeak.c/s=7808	Qual= 1	FePeak=03:56	FePeak.c/s=5593	#Peaks=1	dt= 7.7s	Dur=1260sec
UVSP 03:31 Radio Frequen	03:31 Frequency(MHz)/Flux(sfu)		Wavelength=2788A Code=01 Exp #=88177 410/4300 606/9100 1415/650 2695/1100 4995/	Code=01 1415/650	Exp #=88177 2695/1100 4995/	Rast=180"x180" Rast=180"x1" 3600 8800/4800	Step=10" Step=0" 5400/4100	Cad= 332s Pitch=-498"	Cad= 332s 1.024s/pixel Pitch=-498", Yaw=+178"
BCS 04:36	04:36		As CaPeak.c/s=246	Associated Qual= 5	Event # = 22693 FePeak=04:36	FePeak.c/s=21	#Peaks=1	dt= 7 7c	XEN=010301
SP 04:31		-	Wavelength=2788A		Exp #=88178	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	40s -496	3840s/pixel ",Yaw=+172"
Event # = 22694 89/05/03,05:15 Start	DOY=123 Peak	End times							
BCS 05:14	05:15	) 60:90	CaPeak.c/s=138	Qual=00 Qual= 5	FePeak=05:15	FePeak.c/s=9		dt= 3.8s	XFN=912302
P 05:05			Wavelength=2788A		Fxn #=88179	Rast=240"x240" Dast=180"v1"	Step=15"	Cad = 262s 1	1.024s/pixel

Event # = 11201 89/05/03,10:34	D0Y=123		SMM Pointing:	N29E29		Pitch=-618", Yaw=+203", Roll=-20deg	+203", Roll	=-20deg	H.Ang=43deg
Start F GOES HXRBS 10:34:24 1 UVSP 10:41	Peak 10:34:32	End times ! 10:34:39	Peakc/s=34 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=80 Exp #=88186	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-484", Yaw=+133"	, Үам≖+133"
Event # = 11202 89/05/03,11:35 Start Optical	DOY=123 Peak	End times	SMM Pointing: HaClass=1F	N29E29 N28E27	AR5470	Pitch=-618", Yaw¤ Mac.=EAI	,Yaw=+203",Roll=-20deg Carr.Lon.=266deg	20deg	H.Ang=43deg H.Ang=41deg
SS SS S	11:35 11:27:50 11:34	11:40 11:29:15 11:55	Importance=co quar=01 Peakc/s=55 Qual=01 CaPeak.c/s=186 Qual= 1 Wavelength=2788A Code=00	Qual=01 Qual=01 Qual= 1 A Code=00 Associated	Tot Cts=634 FePeak=11:34 Exp #=88187 Event # = 11203	MaxkeV=102 FePeak.c/s=34 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s ) Cad= 262s ] Pitch=-482".	XEN=912303 1.024s/pixel ", Yaw=+129"
HXRBS 11:33:14	11:33:23	3 11:33:32	c/s=43	Qual=01	Tot Cts=92	MaxkeV=102			
Event # = 22695 89/05/03,13:10 Start Optical	1	End times	1	N28E25	AR5470	Mac.=EAI			H.Ang=40deg
60ES 13:00 BCS 13:03 FCS 12:49	13:10	13:24	Capeak.c/s=73	Qual= 1 Code=01	FePeak=13:08 Exp #=88189	FePeak.c/s=19 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s X Cad= 262s 1 Pitch=-479",	xEN=912304 1.024s/pixel ",Yaw=+119"
Event # = 11204 89/05/03,19:09 Start Optical	t D0Y=123 Peak	End times	SMM Pointing: HaClass=SF	N29E25 \$22¥26	AR5464	Pitch=-601", Yaw=+153", Roll=-20deg Mac.=EH0 Carr.Lon.=315deg	=+153",Roll=-20de Carr.Lon.=315deg	]=-20deg =315deg	H.Ang=41deg H.Ang=31deg
GÓES HXRBS 19:09:49 UVSP 19:13 Radio Sweeps Radio Frequel	9 19:09:5 Type/ ncy(MHz)/	19:09:49 19:09:56 19:10:02 19:13 Sweeps Type/Intensity: Frequency(MHZ)/Flux(sfu):	Peakc/s=42 Wavelength=1375A 111/2 245/390	Qual=01 Qual=01	Tot Cts=87 Exp #=88205	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-591	Pitch=-591",Yaw=+161"
Event # = 11205 89/05/03,19:48 Start	5 D0Y=123 Peak	End times	SMM Pointing:	N29E25		Pitch=-601", Yaw=+153", Roll=-20deg	=+153",Roll=-20de	]=-20deg =315dea	H.Ang=41deg H.Ang=30deg
Optical GOES 19:29 HXRBS 19:27:4 UVSP 19:33 Radio Sweeps Radio Freque	19:48 4 19:35:3 Type/ ncy(MHz)/	cal 19:29 19:48 20:55 5 19:27:44 19:35:35 19:45:54 19:33 Type/Intensity: 5 Sweeps Type/Intensity: 5 Frequency(MHz)/Flux(sfu):	HaClass=1N 519W20 Importance=M1 (ual=03 Peakc/s=82 (ual=01 Wavelength=1375A Code=00 II/3 1415/620 2695/150 4995/85	>19W20 Qual=03 Qual=01 A Code=00	AK3404 Tot Cts=13938 Exp #=88209	MaxkeV=231 Rast=30"x30"	Step=5"	Pitch=-644	Pitch=-644", Yaw=+186"

Start	Peak	Fnd times		!		, , , , , , , , , , ,	104, 241'-MD',	, 20112045	משחלים ליותים
ical S 20:57	21:04		HaClass=1N	\$21W26	AR5464	Mac.=EHO	Carr.Lon.=314deg	=314deg	H.Ang=31deg
HXRBS 20:52:06 BCS 20:54 FCS	6 20:56:27 21:03	21:00:37 21:24	Peakc/s=90 CaPeak.c/s=640	Qual=01 Qual= 1	Tot Cts=6025 FePeak=21:01	Maxkev=102 FePeak.c/s=143	#Peaks=1	dt= 7.7s	XEN=912305
21:03			Wavelength=1375A	Code=00	Exp #=88216	Kast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s 1 Pitch=-630",	1.024s/pixel ",Yaw=+156"
+ # - 1150				89/05/04	4 D0Y=124				
89/05/04,01:24 Start Start	, DOY=124 Peak	End times	SMM Pointing:	N29E22		Pitch=-587", Yaw	, Yaw=+112", Roll	, Roll=-20deg	H.Ang=39deg
HXRBS 01:23:41 UVSP 02:09 Radio Sweeps	1 01:24:18 Type/In	01:24:41 itensity:	Peakc/s=41 Wavelength=2788A III/2	Qual=00 Qual=01	Tot Cts=277 Exp #=88233	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-449"	', Yaw=+30"
Event # = 11208 89/05/04,03:37 Start	3 D0Y=124 Peak	End times	SMM Pointing:	N29E20		Pitch=-581", Yaw	, Yaw=+92", Roll=	, Roll=-20deg	H.Ang=38deg
cal 03:31	03:37	;		\$19W27	AR5464	Mac.=EKI	Carr.Lon.=311deg	:311deg	H.Ang=30deg
HXRBS 03:32:19 UVSP 03:41 Radio Frequen	03:32:19 03:34:34 03:39:27 03:41 Frequency (MHz)/Flux(sfu)	<b>~</b>	Peakc/s=1320 Wavelength=2788A 1415/15 2695/61 4	Qual=01 Qual=01 Code=02 995/130	Tot Cts=74394 Exp #=88235 8800/280 15400/2	MaxkeV=231   Rast=180"x1"  /250	Flags=M5 Step=0"	Pitch=-445"	', Yaw≃+20"
Event # = 22696 89/05/04,04:57 Start	D0Y=124 Peak	End times							
BCS 04:45	04:57	05:24	CaPeak.c/s=36	Qual=00 Qual= 1	FePeak=04:52	FePeak.c/s=7		dt= 7.7s	XEN=912400
05:15			Wavelength≈2788A		Exp #=88237	Rast≂0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-442",	1.024s/pixel ", Yaw=+9"
Event # = 22697 89/05/04,05:59 Start 60ES 05:52 BCS 06:00	D0Y=124 Peak 05:59 06:01	End times 06:04 06:08	Importance=C3 CaPeak.c/s=45	Qua]=05 Qua]= 5	FePeak=06:01	FePeak.c/s=8	ł	dt= 3.8s	XEN=912401
UVSP 05:50			Wavelength≈2788A	Code=00	Exp #=88238	Rast=240"x240" Rast=180"x1"	Step=15" ( Step=0"	Cad= 262s 1 Pitch=-440",	1.024s/pixel ", Yaw=+5"
Event # = 11209 89/05/04,07:41 Start	D0Y=124 Peak	End times	SMM Pointing:	N29E18		Pitch=-574", Yaw	, Yaw=+72", Roll=-20deg	-20deg	H.Ang≖37deg
a) 07:38	07:41	07:43	HaClass=SF	S16430	AR5464	Mac.=EKI	Carr.Lon.=312deg	312deg	H.Ang=32deg
	07:38:28	ω ,	c/s=132 ength=2788A	Qual=01 Code=00	Tot Cts=3013 Exp #=88240	MaxkeV=187 Rast=180"x1"	Step=0" F	Pitch≖-436"	, Yaw=-6"
Radio Frequency (MHz)/Flux(sfu) HXRRS 07:40:34 07:41:23 07:41:41	cy (MHz)/Flux(sf		245/25000 410/;	1600 606/510 Associated	Event # = 11210	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1	1

<pre>ivent # = 11211 39/05/04.08:24</pre>	D0Y=124		SMM Pointing:	N29E18		Pitch=-570", Yaw=+61", Roll=-20deg	W=+61",Roll=	20deg	H.Ang=37deg
'	Pe	End times		S19431	AR5464	Mac.=EKI	Carr.Lon.=313deg	:313deg	H.Ang=34deg
ES 08:17 RBS 08:18:04	08:24 08:19:12	08:35 08:27:36	Importance=M3 Peakc/s=2609	Qual=03 Qual=01	Tot Cts=1.63E+5	MaxkeV=419	Flags=M5		Dur=300sec
GRS 08:19:00 UVSP 08:20 Radio Frequen	cy (MHz)/I	8:19:00 08:24:00 8:20 Frequency(MHz)/Flux(sfu):	Wavelength=2788A (245/2200 410/710	Code=00 606/32000	Code=00 Exp #=88241 Rast=180"x1" Step=0" Pitch=-434", Yaw=-13" 606/32000 1415/160 2695/430 4995/8000 8800/1800 15400/2500	Rast=180"x1" 430 4995/8000 8	Step=0" 8800/1800 154	Pitch=-434" 400/2500	, Yaw=-13"
Event # = 11212 89/05/04,09:06	D0Y=124		SMM Pointing:	N29E18		Pitch=-570", Yaw=+61", Roll=-20deg	W=+61", Roll:	20deg	H.Ang≖37deg
Start	Peak	End times	HaClass=SF	N29E17	AR5470	Mac.=EKI	Carr.Lon.=264deg	-264deg	H.Ang≖37deg
GOES HXRBS 09:06:36 UVSP 08:56	09:06:47	7 09:07:10	Peakc/s=42 Wavelength=2788A	Qual=01	Tot Cts=150 Exp #=88242	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-433",Yaw=-17"	', Yaw=-17"
Event # = 11213 89/05/04,09:24 Start	00Y=124 Peak	End times	SMM Pointing:	N29E17		Pitch=-567", Yaw=+51", Roll=-20deg	aw≖+51",Roll	=-20deg	H.Ang≖37deg
GOES HXRBS 09:24:04 UVSP 08:56 Radio Frequer	1 09:24:0	09:24:04 09:24:07 09:24:30 08:56 Frequency(MHz)/Flux(sfu):	Peakc/s=47 Wavelength=2788A 245/250 410/110	Qual=00 Qual=01	Tot Cts=101 Exp #=88242	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-433",Yaw=-17"	', Yaw=-17"
Event # = 11214 89/05/04,09:25 Start	DOY=124	Fnd times	SMM Pointing:	N29E17		Pitch=-567", Yaw=+51", Roll=-20deg	aw=+51",Roll	=-20deg	H.Ang=37deg
GOES HXRBS 09:25:29 UVSP 09:54	9 09:25:39	3:60	Peakc/s=74 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=429 Exp #=88243	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-431",Yaw=-24"	", Yaw=-24"
Event # = 22698 89/05/04,09:38 Start GOES BCS 09:37 FCS 09:54	8 D0Y=124 Peak 09:38	End times 09:42	CaPeak.c/s=20 Wavelength=2788A	Qual=00 Qual= 4	FePeak=09:37 Exp #=88243	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-431"	XEN=912403 1.024s/pixel ",Yaw=-24"
Event # = 11215 89/05/04,09:58	5 D0Y=124		SMM Pointing:	N29E17		Pitch=-567", Yaw=+51", Roll=-20deg	aw=+51", Roll	=-20deg	H.Ang=37deg
Start GOES 09:54 HXRBS 09:55:28 GRS 09:56:00 UVSP 09:54	Peak 09:58 8 09:56:20 0	End times 10:01 29 09:59:04 09:57:00	Importance=C6	Qual=03 Qual=01 Code=00	Tot Cts=39488 Exp #=88243	MaxkeV=368 Rast=180"x1"	Step=0"	Pitch=-431	Dur=60sec   Pitch=-431", Yaw=-24
3	lype/ ncy (MHz),	eeps lype/incensity: Frequency(MHz)/Flux(sfu):	245/1800 410/130 4995/75	4995/75	8800/190 15400/500	200			

H.Ana=36dea	H.Ang=39deg		, Yaw	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H.Ang=36deg	Pitch=-425",Yaw=-39"	H.Ang=36deg	3", Yaw=-46"		H.Ang=38deg		1.024s/pixel J",Yaw=-48"	H.Ang=37deg	H.Ang=35deg	XFN=912405	1.024s/pixel 1", Yaw=-391"			H.Ang=37deg	XEN=912406
, Roll=-20dea	Carr.Lon.=316deg	s=M5, EN		1 1 1 1 1	, Roll=-20deg		, Roll=-20deg	:0" Pitch=-423"		Lon.=313deg	s=1 dt= 7.7s		, Roll=-20deg	Carr.Lon.=261deg		10" Cad= 332s 1 3" Pitch=+414",			<u>.</u>	S=1 dt= 7.7s X 1" Cad-1 02c 1
, Yaw=+4]"	Carr		x1" Step 80 15400/530	; ; ;	, Yaw=+30"	2 <1" Step=0"	, Yaw=+30"	t (1" Step=0"		Carr.Lon.	=9 #Peaks=1		", Yaw=-401"	Carr.		180" Step=10" 243" Step=3"				=II #Peaks≖I Sten=O"
Pitch=-563"	Mac.=EKI	Cts=3.70E+5 MaxkeV=520	Rast=180"; /490 8800/48	MaxkeV=144	Pitch=-559"	MaxkeV=102 Rast=180"x1"	Pitch=-559"	MaxkeV=144 Rast=180"xl'		Mac.≖EKI	FePeak, c/s=9	Kast=0"x0" Rast=180"x1"	Pitch=+409"	Mac.≖EKI	MaxkeV=187 FePeak.c/s	Rast=180"x180" Rast=243"x243"			Mac.=EKI	Pereak.c/s=II
	AR5464	Tot Cts=3.70E+	Exp #=88245 Rast=180"x1" Step=0" 0 1415/260 2695/490 8800/480 15400/530 Fyont # = 11216	Tot Cts=1627	8.5	Tot Cts=348 Exp #=88246		Tot Cts=1592 Exp #=88247		AR5464	FePeak=13:48	Exp #=88248		AR5470	Tot Cts=2387 FePeak=15:19	Exp #=88250	15400/75		AR5464	rereak=1/:12
N29E16		Qual=03 Qual=03	4 30 606/850	Qual=01	N29E15	Qual=00 Qual=01	N29E15	Qual=00 Qual=01		\$23 <b>\</b> 34 0ual=00	Qual= 5		S18W35	N27E17 Oual=03	Qual=01 Qual= 5	Code=00	8800/88		\$19#35 Qua]=03	לממו= ז
SMM Pointing:	Ha.	ımportance=mɔ Peakc/s=4157	Wavelength=2788 245/1900 410/13	Peakc/s=70	SMM Pointing:	Peakc/s=51 Wavelength=2788A	SMM Pointing:	Peakc/s≖46 Wavelength=2788A		HaClass=SF	CaPeak.c/s=19	Wavelength=2788A	SMM Pointing:	HaClass=SF Importance=C5	Peakc/s=125 CaPeak.c/s=183	Wavelength=2788A	606/5500 4995/62		HaClass=SF Importance=C2 Cabast c/s=42	carean.c/3-42
	End times	11:41 11:35:55 11:17:00	o 11:26 io Frequency(MHz)/Flux(sfu):	5 11:01:39	End times	12:20:	Fnd times	12:5	End times		13:50		End times	15:30	15:25:11 15:37			End times	17:16	9
7 DOY=124	reak	2 11:13:50 0	ncy(MHz)/F	4 11:00:46	8 D0Y=124 Peak	_	9 00Y=124 Peak	6 12:55:53	9 D0Y=124 Peak		13:46		) D0Y=124 Peak	15:24	15:24:21 15:19	15:22 Tyne/Intensity	cy (MHz)/F	) DOY=124 Peak	17:13	1
Event # = 11217 89/05/04,11:15	start cal	\$ 11:05:3 11:13:0	11:26 Freque	11:00:1	t # = 11218 5/04,12:20 Start	12:19:4 12:03	# = 1121 '04,12:55 Start	12:52:16	Event # = 22699 89/05/04,13:46 Start	fa]	13:46	_	# = 11220 /04,15:24 Start	ון 15:14	15:24:04 15:18	15:22	Frequen	Event # = 22700 89/05/04,17:13 Start	a! 17:10 17:11	
Even: 89/05	Optic	HXRBS GRS	UVSP Radic	~	Event 89/05/	GOES HXRBS UVSP	Event 89/05/	GOES HXRBS UVSP	Event 89/05	Optical GOES	S S S	UVSP	Event # = 89/05/04, St	Optic GOES	BCS BCS	UVSP Radio	Radio	Event 89/05	Optical GOES RCS	FCS

Event	Event # = 11221	3			20110113		D:+ch=+411" Vaus	Vame V	Pol1=_20den	H. Ann=38den
89/05/(	04, 17:31	DOY=124	Fnd +imps	SMM Pointing:	SISWSD			104, +I+	62n07	fanor-file.u
٠	  -   ב				S19W35	AR5464	Mac.=EKI	Carr.Lon.=312deg	=312deg	H.Ang=37deg
GOES HXRBS UVSP Radio	17:22 17:20:27 17:31 Frequency	/:22 7:20:27 17:20:43 17:20:5 7:31 Frequency(MHz)/Flux(sfu)	σ	Importance=mi Peakc/s=43 Wavelength=1375A (606/350	Qual=02 Qual=01 Code=02	Tot Cts=169 Exp #=88257	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+427"	', Yaw=-422"
Event #89/05/0	Event # = 11222 89/05/04,18:42	D0Y=124		SMM Pointing:	S18W37		Pitch=+415", Yaw	, Yaw=-424", Roll	, Roll=-20deg	H.Ang=38deg
Optica	Start	Peak	times		\$17W36	AR5464	Mac.=EKI	Carr.Lon.	=312deg	H.Ang=38deg
GOES HXRBS BCS	18:37 18:38:31 18:35	18:42 18:40:19 18:41	18:46 18:43:14 18:50	Importance=M1 Peakc/s=983 CaPeak.c/s=468	Qual=01 Qual=01 Qual= 1	Tot Cts=18528 FePeak=18:41	MaxkeV=275 FePeak.c/s=97 pact=240"x240"	Flags=M5 #Peaks=1 Sten=15"	dt= 3.8s X Cad= 262s 1	XEN=912407 1.024s/pixel
UVSP Radio Radio	18:29 Sweeps Frequen	8:29 eeps Type/Intensity Frequency(MHZ)/Flux(sfu)	intensity: :lux(sfu):	Wavelength=1375A V/3 245/1900 410/170	Code=00 606/46 1 <sup>2</sup>	Exp #=88260 1415/87 2695/72 4	Rast=30"x30" 4995/32		Pitch=+390'	', Yaw=-424"
Event 89/05/0	Event # = 22701 89/05/04,18:51 Start	D0Y=124 Peak	End times							
GOES BCS	18:50	18:51	18:57	CaPeak.c/s=22	Qual=00 Qual= 4	FePeak=18:50	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=912408
LVSP UVSP	18:47			Wavelength=1375A		Exp #=88262	Rast=30"x30"	Step=5"	Pitch=+401	", Yaw=-430"
Event 89/05/	Event # = 22702 89/05/04,19:27 Start	DOY=124 Peak	End times						1770	
Optica GOES	.1 19:05	19:27	20:21	HaClass=SN Importance=M2	N30E15 Qual=05	AK54/U	Mac.=EKI	tarr.Lon.=201deg	76	n.Mig=3/acg xFN=012400
FCS UVSP	20:0 <i>/</i> 19:03	50:03	53	5A	Qual≡ 1 Code=01	Fereak≅20:09 Exp #=88264	rereak.C/s=o Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s Pitch=+401"	
Event 89/05/	Event # = 11223 89/05/04,20:41	DOY=124	1	SMM Pointing:	S18W38		Pitch=+420", Yaw	, Yaw=-435", Rol	, Roll=-20deg	H.Ang=39deg
Optical	Start 11 20.20		20.52		\$20W38	AR5464	Mac.=EKI	Carr. Lon.	=313deg	H.Ang=40deg
BCS BS	20:27: <b>4</b> 3 20:27: <b>4</b> 3 20:27	20:34 20:34	20:35:30 20:35:30 20:35	Peakc/s=77 CaPeak.c/s=606	Qual=03 Qual= 2	Tot Cts=5771 FePeak=20:33	MaxkeV=102 FePeak.c/s=147	Flags=EN #Peaks=1	dt= 3.8s X	XEN=912410
UVSP Radio	20:37 Frequen	20:37 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=1375A 8800/70	Code=00	Exp #=88271	Rast=30"x30"		Pitch=+430	", Yaw=-447"
Event 89/05/	; # = 22703 5/04,21:49 Start	) D0Y=124 Peak	End times							
60ES BCS	21:49		21:58	CaPeak.c/s=28	Qua]=00 Qua]= 4	FePeak=21:49	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=912411 1 024s/nixel
UVSP	21:49			Wavelength=1375A		Exp #=88276	Rast=10"x10"	Step=0"	pitch=+433	3", Yaw=-445"
									: !	

Event 89/05/	Event # = 22704 89/05/04,23:26	00Y=124	End +							
Optica	a] 23.23	73.26	3 - 30	HaClass=SF	N32E18	AR5470	Mac.=EKI	Carr.Lon.=255deg	=255deg	H.Ang=40deg
รูรรู	23:63	23:25	23:38	CaPeak.c/s=23	(ua) = 4	FePeak=23:09	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=912412
UVSP	23:23			Wavelength=1375A	Code=00	Exp #=88285	Rast=10"x10"	Step=0"	cad=1.025 Pitch=+463"	1.0245/plxel ",Yaw=-435"
					89/02/05	5 D0Y=125				
Event 89/05/	Event # = 22705 89/05/05,00:46 Start	DOY=125 Peak	End times							The state of the s
GOES BCS	00:45	00:46	00:51	CaPeak.c/s=23	Qua]=00 Qua]= 4	FePeak=00:45	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=912500
UVSP	00:43			Wavelength=1375A		Exp #=88291	Kast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+471",	1.024s/pixel ",Yaw=-423"
Event 89/05/	Event # = 22706 89/05/05,01:02 Start	DOY=125 Peak	End times							
GOES BCS 100 100 100 100 100 100 100 100 100 10	00:57	01:02	01:16	CaPeak.c/s=105	Qual=01 Qual= 1	FePeak=01:01	FePeak.c/s=20		dt= 3.8s	XEN=912501
UVSP	00:43			Wavelength=1375A		Exp #=88291	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s Pitch=+471"	1.024s/pixel ",Yaw=-423"
Event 89/05/	Event # = 11224 89/05/05,01:21 Start	DOY=125 Peak	Fnd times	SMM Pointing:	S18W40		Pitch=+432", Yaw	, Yaw=-465", Roll=-20deg	1=-20deg	H. Ang=42deg
GOES HXRBS BCS	01:19:49 01:20	01:20:06 01:21	01:20:06 01:20:29 01:21 01:23	Peakc/s=43 CaPeak.c/s=33	Qual=00 Qual=01 Qual= 1	Tot Cts=146 FePeak=01:21	MaxkeV=102 FePeak.c/s=10		dt= 7.7s	XEN=912502
PCS UVSP	00:43			Wavelength=1375A		Exp #=88291	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s Pitch=+471"	1.024s/pixel ",Yaw=-423"
Event 89/05/	Event # = 11225 89/05/05,02:54	DOY=125	+ + CO	SMM Pointing:	S18W41		Pitch=+437", Yaw	, Yaw=-475", Rol	, Roll=-20deg	H.Ang=43deg
Optica	3tai t 1 02:46	758K	Ella Cilles	.Class=SF	S17W41	AR5464	Mac.=EKC	Carr.Lon.=313deg	=313deg	H.Ang=42deg
HXRBS BCS BCS	02:48:02 02:46	02:53 02:53	02:50:13 03:01		Qual=01 Qual=1	Tot Cts=1268 FePeak=02:53	MaxkeV=144 FePeak.c/s=95	#Peaks=1	dt= 3.8s	XEN=912503
UVSP Radio	02:56 Frequent	02:56 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=2788A 1415/12 2695/63 4	4 Code=02 4995/58 88	Exp #=88293 8800/32	Rast=180"x1"	Step=15 Step=0"	cad= 202s Pitch=+317"	1.024s/plxel ",Yaw=-292"
Event 89/05/	Event # = 22707 89/05/05,03:02 Start	D0Y=125 Peak	End times							
GOES BCS	03:02	03:02	03:03	CaPeak.c/s=18	Qua]=05 Qua]= 5	FePeak=03:02	FePeak.c/s=8		dt= 7.7s	XEN=912504
WSP	02:56			Wavelength=2788A		Exp #=88293	Rast=180"x1"	Step=10 Step=0"	cau= 3328 1 Pitch=+317",	1.024s/plxe! ', Yaw=-292"

Pritch-4437, Van-475, Noll-20deg   H.Ang-33deg   Goldson   H.Ang-33deg		1									
Start   Peak   Drill 17mes	2/02	1232 :46	r=125			S18W41		Pitch=+437", Yaw	=	=-20deg	H.Ang≖43deg
1973   10   1974   1975   1974   19	Sals	+		i times	.Class=SF	N29E06		Mac.=EKI	Carr.Lon.≖	=265deg	H.Ang=33deg
1722   1723   1724   1725		1 3:01 03 2 03	3:07	:51 :43:10 :09	rtance=C4 c/s=44 ak.c/s=183	Qual=02 Qual=01 Qual= 1		MaxkeV=102 FePeak.c/s=34		dt= 3.8s Cad= 262c	XEN=912505 1.024s/pixel
1, 2, 2, 2, 3, 3, 3, 3, 4, 3, 3, 3, 4, 3, 3, 4, 3, 3, 4, 3, 3, 4, 3, 3, 4, 3, 3, 4, 3, 3, 4, 3, 3, 4, 3, 3, 3, 4, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	03:	31			a)		#=88294	Rast=180"x1"		Pitch=+318"	, Yaw=-296"
Start   Peak	vent #	k-0	_ AL		Pointing	S18W41		Pitch=+437", Yaw	=-475", Rol	]=-20deg	H.Ang=43deg
04:08 04:11:04 Peak(75=09 Qual=01 Tot Cts=3364 PaxkeV=102 Step=0" Pitch=4321", 7aw=301"	· ~~		a <del>K</del>	d times	HaClass=SF	N32E15	AR5470	Mac.≈EKI	Carr.Lon.	=256deg	H.Ang=38deg
04:22		2. 2.2	:13 :10:0	:20 :13:24	Importance=C5 Peakc/s=90 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=3364 Exp #=88295	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+321	, Yaw=-301"
1227   04:31   04:36   CaPeak.c/s=25   Qual=0   FePeak.c/s=9   F	•	. 4	:24	04:28	A: CaPeak.c/s=22	ssociated Qual= 4	Event # = 22/08 FePeak=04:25	FePeak.c/s=8 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	xEN=912506 1.024s/pixel
## 11227	04:	30 04	:31	04:36	CaPeak.c/s=25	ssociated Qual= 4	Event # = 22709 FePeak=04:30	FePeak.c/s=9 Rast=240"x240"	#Peaks=1 Step=15"		xen=912507 1.024s/pixel
Start Peak End times  10 5:24	150	1	:12	1	Pointing	S18W42		Pitch=+441", Yaw	=-486", Rol	]=-20deg	H.Ang=44deg
05:24 05:32 05:44	Sta ptical		ές Χ	nd times	HaClass=1B	\$18¥33	AR5464	Mac.=EKC	•	=303deg	H.Ang=35deg
D5:05 Frequency (MHz)/Flux(sfu): 2695/36 4995/120 8800/55 15400/38 Frequency (MHz)/Flux(sfu): 2695/36 4995/120 8800/55 15400/38  D5:47 D5:47 D5:47 D5:47 D5:47 D6:05  Mavelength=2788A CaPeak C/s=37 Qual= 5 Frequency (MHz)/Flux(sfu): 2695/36 4995/120 8800/55 15400/38  D6:02  Mavelength=2788A Exp #=88297 Rast=180"x1" SIRM43 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=0 Frequency (MHz)/Flux(sfu): 5tep=0 Frequency (MHz)/Flux(sfu): 5tep=0 Frequency (MHz)/Flux(sfu): 5tep=0 Frequency (MHz)/Flux(sfu): 5tep=10 Frequency (MHz)/Flux(sfu): 5tep=0 Frequ		40:03 40:04	4	5:41 5:32:51 5:47	Importance=Ml Peakc/s=847 CaPeak.c/s=735	Qual=01 Qual=01 Qual= 1		MaxkeV=187 FePeak.c/s=177		dt= 3.8s	XEN=912508
06:02  Wavelength=2788A  Exp #=88297  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=180"x1"  Rast=240"x240"  Rast=180"x1"  Rast=240"x240"  Rast=180"x1"  Rast=240"x240"  Rast=180"x1 At=17.75		Jency		fu) :	Wavelength=2788A 2695/36 4995/120	ode=01 8800/55	Exp #=88296 5400/38	Rast=180 x160 Rast=180"x1"	Step=10 Step=0"	cau- 3323 Pitch=+32	", Yaw=-305"
## ## ## ## ## ## ## ## ## ## ## ## ##	-05			١	aPeak.c/s=37	ssociated Qual= 5	Event # = 22/10 FePeak=05:47	FePeak.c/s=5	#Peaks=1	dt= 7.7s fad= 262s	XEN=912509 1.024s/bixel
\$\frac{1}{5} \text{in = 11228} \text{DOY=125} \text{End times} \text{SMM Pointing: \$\text{S18W43}} \text{Qual=00} \text{Qual=01} \text{Tot Cts=331} \text{Pitch=+446", Yaw=-496", Roll=-20deg} \text{Rast=180"x1"} \text{Step=0" Pitch=+326"} \text{Start} \text{Peak} = \text{11229} \text{SMM Pointing: \$\text{S18W43}} \text{S18W43} \text{Start} \text{Peak} = \text{S25:15} \text{O6:55:27 O6:56:00} \text{Peak} \text{Peak} = \text{S26"} \text{Rast=180"x1"} \text{Step=0" Pitch=+326"} \text{Pitch=+326"} \text{Step=0" Pitch=+326"} \text{Step=0" Step=0" Pitch=+326"} \text{Step=0" Pitch=+326"} Step=0" Pitch=+32	SP 06	02			avelength=2788			Rast=180"x1"	Step=0"	Pitch=+325	", Yaw=-310"
06:55:15 06:55:27 06:56:00 Peakc/s=49 Qual=01 Tot Cts=331 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+326" Pitch=+326" Step=0" Pitch=+326" Step=0" Pitch=+326" Step=0" Pitch=+326" Pitch=+32	vent 9/05,	∞ _	[2]	nd ti	Pointing	S18W43		Pitch=+446", Ya	r=-496", Rol	]=-20deg	H.Ang=44deg
# = 11229 5/05,07:01 DOY=125 Start Peak End times Start Peak End times  Qual=00 00	10	5	5:5	06:56:0	eakc/s=49 avelength=2788	-		MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+326	, Yaw=-31
Start Feak Ellu Cilles 07:01:42 07:01:47 07:02:04 Peakc/s=41 Qual=01 Tot Cts=93 MaxkeV=102 #Peaks=1 dt= 7.7s 07:01 07:01 07:03 CaPeak.c/s=19 Qual= 4 FePeak=07:01 FePeak.c/s=7 #Peaks=1 dt= 7.7s 07:01 07:01 07:03 CaPeak.c/s=19 Qual= 4 FePeak=07:01 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Pitch=+326	vent # = 9/05/05,	11229	· •	+	<b>3</b>	S18W43		Pitch=+446", Ya	v=-496", Rol	]=-20deg	H.Ang=44deg
06:37 Wavelength=2788A Exp #=88298 · Rast=180"x1" Step=0" Pitch=+326	5 07 07	1:42 1	4	07:02 07:03 07:03	eakc/s=4 aPeak.c/s=1	Qual=00 Qual=01 Qual= 4	Tot Cts=93 FePeak=07:01	MaxkeV=102 FePeak.c/s=7	#Peaks=1 Sten=0"	dt= 7.7s (ad=1.02s	XEN=912510 1.024s/pixel
	90	:37			Š	æ		Rast=180"x1"	Step=0"	Pitch=+326	", Yaw=-314"

89/05/05,07:37 Start	,07:37 tart	DOY=125 Peak	End times	SMM Pointing:	S18W43		Pitch=+446", Ya	, Yaw=-496", Roll=	11=-20deg	H.Ang=44deg
Optical GOES 07	7:21	07:37	09:11	HaClass=3B	N30E01	AR5470	Mac.=EKI	Carr.Lon.=268deg	.=268deg	H.Ang=34deg
	07:21:16	07:30:37	08:24:17	Peakc/s=14950	Qual=11	Tot Cts=4.48E+6	MaxkeV=858	Flags=M5,	NI,	;
	7:40	07:40	07:42	CaPeak.c/s=20	Qual= 4	FePeak=07:40	FePeak.c/s=13	#Peaks=1	dt= 7.7s	Dur=480sec XEN=912511
03	07:34 Sweens	Tyne/I		Wavelength=2788A	Code=00	Exp #=88299	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+329",	1.024s/pixel ",Yaw=-319"
adio	Frequen	Frequency (MHz)/Flux(sfu)	·lux(sfu):	245/1300 410/300	606/330	1415/1400 2695/1000	4995/2200	8800/3500 15	15400/3100	
*Ö´´	= 11231 5,10:45 Start	D0Y=125 Peak	End times	SMM Pointing:	S18W45	The second secon	Pitch=+456", Yaw=-519", Roll=-20deg	v=-519", Rol	]=-20deg	H.Ang=46deg
GOES HXRBS 10 BCS 10	0:42:53 0:43	10:43:17 10:45	, 10:43:50 10:49	Peakc/s=65 CaPeak.c/s=36	Qual=00 Qual=01 Qual= 1	Tot Cts=856 FePeak=10:45	MaxkeV=144 FePeak.c/s=15	#Peaks=1	dt= 7.7s	XEN≖912512
_	):40 Frequen≀	.0:40 Frequency(MHz)/Flux(sfu)	Jux(sfu):	Wavelength=2788A 8800/55 15400/140		Exp #=88303	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+336",	1.024s/pixel ", Yaw=-337"
5/05 5/05	t # = 22711 5/05,11:27 Start	D0Y=125 Peak	End times							
BCS 11	1:27	11:27	11:38	CaPeak.c/s=33	Qual=00 Qual= 5	FePeak=11:31	FePeak,c/s=13	#Peaks=1	dt= 7.7s	XEN=912513
Ξ	1:17			Wavelength=2788A		Exp #=88304	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+338",	1.024s/pixel ",Yaw=-340"
Event # = 1123 89/05/05,12:13 Start	= 11233 12:13 tart	DOY=125 Peak	End times	SMM Pointing:	S18W46		Pitch=+460", Yaw	, Yaw=-529", Rol	, Roll=-20deg	H.Ang≈47deg
Optical GOES 12 HXRBS 12 BCS 12	  12:07  12:06:58  12:09	12:13 12:09:17 12:13	12:18 12:09:57 12:22	HaClass=IN Importance=C5 Peakc/s=196 CaPeak.c/s=232	\$18¥40 Qua]=03 Qua]=01 Qua]= 1	AR5464 Tot Cts=2747 FePeak=12:12	Mac.=EKC MaxkeV=187 FePeak.c/s=50		88	H.Ang=42deg XEN=912514
. S. ⊓	12:14 Sweeps Frequenc	2:14 Type/Intensity eeps Type/Intensity Frequency(MHz)/Flux(sfu)		A 6	. Code=02 606/130	Exp #=88305	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+340",	1.024s/pixel ", Yaw=-345"
Event # = 89/05/05, St	t # = 11234 5/05,13:13 Start	D0Y=125 Peak	End times	SMM Pointing:	S18W46		Pitch=+460", Yaw	, Yaw=-529", Rol	, Roll=-20deg	H.Ang=47deg
otical DES 13	00:	13:13	3:38		S17W55 0ual=01	AR5464	Mac.=EKC	Carr.Lon.=321deg	=321deg	H.Ang≕56deg
HXRBS 13 BCS 13 FCS	13:07:57 13:03	13:08:19 13:12	13:09:02 13:49	Peakc/s=47 CaPeak.c/s=97	Qual=01 Qual= 1	Tot Cts=369 FePeak=13:11	MaxkeV=102 FePeak.c/s=20	#Peaks=1	dt= 3.8s	XEN=912515
VSP 12	:49			Wavelength=2788A	Code=01	Exp #=88306	Rast=180"x1"	Step=15	Lag= 2625 I Pitch=+342",	1.024s/p1xel ".Yaw=-348"

89/05/05,18:02 D011123 Start Peak End times Optical GOES 18:01 18:02 18:17 HXRBS 18:01:22 18:03 18:09 ECS 17:43 18:03 18:09 FCS 17:57 UVSP 17:57 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu): Event # = 22712 89/05/05,19:14 D0Y=125 Event # D0A=125		CALL DOING TO THE	CHACTO					6
18:01 18:01:22 18:01:43 17:43 18:03 17:57 18:03 17:57 19e/ 10 Sweeps 17:57 Type/ 10 Frequency(MHz)/ 11 # = 22712 14 # = 22712 15	End times	laClass=SF	\$18¥50	AR5464	Mac.=EKC	Carr.Lon.=313deg	:313deg	H.Ang=51deg
io Sweeps io Sweeps io Frequency(MHz)/ nt # = 22712 nt # = 22712 05/05,19:14 DOY=125	18:17 18:02:14 18:09	<pre>Importance=C3 Peakc/s=313 CaPeak.c/s=102</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=4092 FePeak=18:03	MaxkeV=321 FePeak.c/s=15 Rast=240"x240"	#Peaks=2 Step=15"	dt= 3.8s Cad= 262s	XEN=912516 1.024s/pixel
į.		Wavelength=1375A V/2 245/3700 410/640	Code=00	Exp #=88314	Rast=130"x130"	Step=5"	Pitch=+475"	, Yaw=-569"
	End times	HaClass=SF	S19W46	AR5464	Mac.≖EKC	Carr.Lon.=309deg		H. Ang=47deg
GÕES BCS 19:12 19:14 FCS UVSP 19:15	19:21	CaPeak.c/s=32 Wavelength=1375A	Qual= 4	FePeak=19:14 Exp #=88319	FePeak.c/s=7 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=+486",	XEN=912517 1.024s/pixel ",Yaw=-554"
Event # = 22713 89/05/05,20:52 DOY=125 Start Peak	End times		001					,
GOES BCS 20:52 20:52 FCS UVSP 20:50	20:55	CaPeak.c/s=37 Wavelength=1375A	Qual= 4	FePeak=20:52 Exp #=88329	FePeak.c/s=10 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+511	XEN=912518 1.024s/pixel ",Yaw=-523"
			89/02/06	6 DOY=126				100
Event # = 22714 89/05/06,00:01 DOY=126 Start Peak GOES ECS 23:50 00:01 FCS 23:56	5 End times 00:43	CaPeak.c/s=46 Wavelength=1375A	90	FePeak=23:50 Exp #=88343	FePeak.c/s=9 Rast=240"x240" Rast=30"x30"	*Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=+518",	XEN=912519 1.024s/pixel ", Yaw=-508"
Event # = 22715 89/05/06,01:23 DOY=126 Start Peak GOES BCS 01:22 01:23 FCS UVSP 01:25	6 End times 01:58	CaPeak.c/s=83 Wavelength=1375A	Qual=00 Qual= 5	FePeak=01:23 Exp #=88348	FePeak.c/s=9 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s Cad= 262s Pitch=+499"	XEN=912600 1.024s/pixel ", Yaw=-583"
Event # = 22716 89/05/06,02:09 DOY=126 Start Peak GOES BCS 02:08 02:09 FCS UVSP 02:01	6 End times 02:15	CaPeak.c/s=22 Wavelength=1375A	Qua]=00 Qua]= 4	FePeak=02:08 Exp #=88354	FePeak.c/s=8 Rast=240"x240" Rast=30"x30"	#Peaks=1   Step=15"   Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=+508",	XEN=912601 1.024s/pixel 3", Yaw=-573"

89/05/06,02:56 Start	, DOY=126 Peak	End times							
GOES BCS 02:55 FCS	02:56	03:00	CaPeak.c/s=28	Qual=00 Qual= 5	FePeak=02:56	FePeak.c/s=6		dt= 7.7s	XEN=912602
			Wavelength=1375A		Exp #≖88355	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1. Pitch=+503",	1.024s/pixel !", Yaw=-591"
Event # = 22/18 89/05/06,03:05 Start GDES	8 D0Y=126 Peak	End times							
BCS 03:04	03:05	03:07	CaPeak.c/s=20	Qual=01 Qual= 4	FePeak=03:04	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=912603
0.35 0.00	3:02 Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: ]ux(sfu):	Wavelength=1375A III/1 245/280 410/110		Exp #=88357	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+520",	1.024s/pixel ", Yaw=-593"
Event # = 22719 89/05/06,04:48 Start GOES 04:44 BCS 04:47	9 DOY=126 Peak 04:48 04:47	End times 04:50 04:49	Importance=C2 CaPeak.c/s=20	Qua]=01 Qua]= 4	FePeak=04:48	FePeak, c/s=7	#Doake=1	4+= 7 70	X C C C C C C C C C C C C C C C C C C C
	04:20 Sweeps Type/Intensity: Frequency(MH2)/Flux(sfu):		Wavelength=2788A III/1 245/98		Exp #=88364	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+377",	AEN-912004 1.024s/pixel ",Yaw=-425"
Event # = 11236 89/05/06,05:34 Start	00Y=126 Peak	End times	SMM Pointing:	S18W56		Pitch=+500", Yaw=-614", Roll=-20deg	v=-614", Rol	]=-20deg	H.Ang=56deg
Optical GOES 05:06	05:34	05:48	HaClass=SN Importance=M2	S27E60 Qual=02	AR5470	Mac.≖DSO	Carr.Lon.=197deg	=197deg	H.Ang=62deg
5 05:07:09 05:51	05:08:24	05:12:19	Peakc/s=546 Wavelength=2788A	Qual=01	Tot Cts=10975 Exp #=88366	MaxkeV=275 Rast=180"x1"	Flags=FS Step=0"	Pitch=+381 <sup>"</sup>	Pitch=+381",Yaw=-431"
Event # = 22720 89/05/06,06:57 Start	D0Y=126 Peak	End times							
Uptical 60ES 06:48 BCS 06:53	06:57 06:56	07:07 06:57	HaClass=SF Importance=C3 CaPeak.c/s=51	N11W78 Qual=03 Qual= 2	AR5463 FePeak=06:54	FePeak.c/s=13		ď	H.Ang=79deg xFN=012605
UVSP 06:48 Radio Sweeps	Type/Ir	Type/Intensity:	Wavelength=2788A II/2	Code=00	Exp #=88367	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+383"	1.024s/pixel ',Yaw=-436"
Event # = 22721 89/05/06,07:55 Start	D0Y=126 Peak	End times							
07:53	07:55	08:05	CaPeak.c/s=29	Qual=00 Qual= 1	FePeak=07:55	FePeak.c/s≖8	_	dt= 7,7s	XFN=912606
08:20			Wavelength≕2788A		090000 47	Rast=0"x0"		Cad=1.02s 1	1.024s/pixel

Event 889/05/1889/05/1980 BCS FCS UVSP	Event # = 22722 89/05/06,08:15 Start GOES 08:15 BCS 08:15 FCS 08:20	DOY=126 Peak 08:15	End times 08:20	CaPeak.c/s=18 Wavelength=2788A	Qual=00 Qual= 4 F	FePeak=08:17 Exp #=88369	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XE Cad=1.02s 1. Pitch=+386",	XEN=912608 1.024s/pixel ", Yaw=-442"
Event 89/05/ 60ES BCS FCS UVSP	Event # = 22723 89/05/06,11:03 Start GOES BCS 11:01 FCS UVSP 11:26	DOY=126 Peak 11:03	End times 11:07	CaPeak.c/s=44 Wavelength=2788A	(ual=01 (ual= 1	FePeak=11:02 Exp #=88373	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+392",	xEN=912609 1.024s/pixel ", Yaw=-455"
Event 89/05/ GOES BCS FCS UVSP	Event # = 22724 89/05/06,12:14 GOES Start BCS 12:14 FCS 12:03	DOY=126 Peak 12:14	End times 12:26	CaPeak.c/s=19 Wavelength=2788A	Qual=00 Qual= 5	FePeak=12:21 Exp #=88374	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XI Cad=1.02s 1 Pitch=+393",	XEN=912610 1.024s/pixel ", Yaw=-457"
Event #89/05/00 Optical GOES FCS UVSP	Event # = 22725 89/05/06,13:00 Start Optical GOES 12:59 FCS UVSP 13:00	00Y=126 Peak 13:00	End times 13:09	HaClass=SF CaPeak.c/s=28 Wavelength=2788A	\$20W60 Qual=00 Qual= 5	AR5464 FePeak=13:01 Exp #=88375	Mac.=EKC FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	Carr.Lon.=313deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	=313deg dt= 7.7s Cad=1.02s Pitch=+395'	H.Ang=61deg XEN=912611 1.024s/pixel ', Yaw=-461"
Event # 89/05/06 Optical GOES HXRBS FCS FCS	Event # = 11237 89/05/06,14:59 [ Start Optical GOES 14:42 HXRBS 14:40:52 BCS 14:41 FCS 14:41	DOY=126 Peak 14:59 14:41:05 14:41	End times 16:16 14:42:26 14:42	SMM Pointing: HaClass=SN Importance=M2 Peakc/s=53 CaPeak.c/s=26 Wavelength=2788A	\$18W60 \$22W67 Qual=02 Qual= 5 Qual= 5	AR5464 Tot Cts=408 FePeak=14:41 Exp #=88378	Pitch=+515", Yaw=-645", Mac.=EKC Carr.  MaxkeV=102 Flags: FePeak.c/s=12 #Peak Rast=0"x0" Step= Rast=243"x243" Step=	=-645",Roll=-20de Carr.Lon.=319deg Flags=M5,EN #Peaks=1 dt= 7. Step=0" Cad=1. Step=3" Pitch=	,Roll=-20deg H Lon.=319deg H =M5,EN X S=1 dt=7.7s X 0" cad=1.02s 1 3" Pitch=-786",	H.Ang=60deg H.Ang=67deg XEN=912612 1.024s/pixel ', Yaw=-253"
Event 89/05 80ES BCS FCS UVSP	Event # = 22726 89/05/06,15:20 Start GOES BCS 15:19 FCS UVSP 15:23	00Y=126 Peak 15:20	End times 15:45	CaPeak.c/s=419 Wavelength=2788A	Qua]=00 Qua]= 5	FePeak=15:20 Exp #=88378	FePeak.c/s=42 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=15" Step=3"	dt= 3.8s X Cad= 262s 1 Pitch=-786",	XEN=912613 1.024s/pixel ", Yaw=-253"

<pre>svent # = 11238 39/05/06,17:04</pre>			SMM Pointing.	CIRUKI		-	i			
٠,٠	Peak	End times		10#016			, Yaw=-652", Ro	Roll=-20deg	H.Ang≕61deg	
_ X:	17:04	17:38	HaClass=2B Importance=M4	\$31E59 Oual=03	AR5476	Mac.=DS0	Carr.Lon	Carr.Lon.≖192deg	H.Ang≃62deg	
16:54:12 17:01:00		1 17:08:16 17:04:00	Peakc/s=6260	Qual=01	Tot Cts=2.38E+5	MaxkeV=631	Flags=M5			
1	16:59	17:21	CaPeak.c/s=26	Qual= 4	FePeak=17:02	FePeak.c/s=11	#Peaks=1		Dur=180sec XEN=912614	
UVSP 16:58 Radio Freque	6:58 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=1375A C 1415/200 2695/150	1 Code=00 0 4995/210	Code=00 Exp #=88381 4995/210 8800/350 15400/	Kast=U"xU" Rast=30"x30" /750	Step=0" Step=5"	Cad=1.02s Pitch=+488"	1.024s/pixel ',Yaw=-659"	
Event # = 22727 89/05/06,18:26	27 5 DOY=126		The state of the s						7	
Jrari al		end times	HaClass=SF	\$23¥56	AR5464	Mac.=EKC	Carr.Lon	Carr.Lon.=306deq	H.Ana=57dea	
8:2	18:26	18:53	CaPeak.c/s=28	Qual=00 Qual≈ 4	FePeak=18:29	FePeak.c/s=6	#Peaks=2	dt= 7.7s	XEN=912615	
18:27			Wavelength=1375A		Exp #=88386	Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=+534'	1.024s/pixel ',Yaw=-653"	
= 227 5, 19:4 Start	28 .1 DOY=126 Peak	End times								1
Optical GOES 19:35		53	HaClass=SF Importance=C6	N28W13 Qual=05	AR5470	Mac.=EKI	Carr.Lon.	.=262deg	H.Ang=34deg	
ლე :	y:5	0:11	CaPeak.c/s=45	Qual≈ 5	FePeak=19:58	FePeak.c/s=6		dt= 3.8s	XEN=912616	
19:59			Wavelength=1375A		Exp #=88393	Kast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s Pitch=+537	1.024s/pixel ',Yaw=-658"	
t # = 11239 5/06,20:26 Start	9 D0Y=126 Peak	End times	SMM Pointing:	S18W64		Pitch=+530", Yaw=-672", Roll=-20deg	r=-672", Rol	1=-20deg	H.Ang=64deg	1
20:24:50 20:26	6 20:25:12 20:26	20:25:35 20:29	Peakc/s=77 CaPeak.c/s=31	Qual=01 Qual=01 Qual= 4	Tot Cts=614 FePeak=20:26	MaxkeV=102 FePeak.c/s=8		dt= 7.7c	XFN=012617	
20:19 Freque	20:19 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=1375A 15400/70	~	Exp #=88397	Rast=240"x240" Rast=30"x30"	Step=15" Step=5"	Cad= 262s 1 Pitch=+494",	1.024s/pixel ", Yaw=-671"	
# = 22729 /06,22:09 Start	) D0Y=126 Peak	Fnd times								
22:06	22:	,	CaPeak.c/s=29	Qual=00 Qual= 3 F	FePeak=22:08 F	opeak c∕e≡x	#Deade-1	,	0.00	
21:53			₩avelength=1375A			Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s Pitch=+572"	/EN=912518 1.024s/pixe} ".Yaw=-636"	
Event # = 22730 89/05/06,23:03 Start		2					_			
22:43 23:03	23:03 23:05	}	Importance=C3 CaPeak.c/s=47	Qual=05 Qual= 5 F	FePeak=23:04 F	ePeak.c/s=8		dt= 3.8s )	FN=912619	
23:05		-	Wavelength=1375A (	Code=02 E	Exp #=88407 R	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s 1 Pitch=+542",	1.024s/pixel ',Yaw=-668"	

DOY=127  Doy					89/05/07	D0Y=127				
00:46 00:46 00:53 CaPeak.c/s=21 Quai=4 FePeak=00:46 Fesek.c/s=6 #Peaks1 d1=7.78  = 11240 00:43 Wavelength=1375A Exp #=88415 Rast=70"x70" Step=6" Pitch=+507"  = 11240 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 01:16:36 01:17:45 Peakc/s=23 Quai=01 00:16:14 Peak End times 00:16:15 01:16:16:16:16:16:16:16:16:16:16:16:16:16	nt # = 22731 05/07,00:46 Start ical		End times	SS=1N	N10W30			•		.Ang=33deg
DOY=127  End times  HaClass=5F  Qual=01  O1:16:36 O1:17:45 PeakC/s=30  Qual=01  O1:16:36 O1:17:45 PeakC/s=30  Qual=01  O2:16:36 O1:17:45 PeakC/s=30  Qual=01  O2:16:36 O1:17:45 PeakC/s=30  Qual=01  O2:16:36 O1:17:45 PeakC/s=30  Qual=01  O3:44 O3:52 CaPeak.c/s=23 Qual=01  Exp #=88415 Rast=70"x70" Step=5" Pitch=+507"  Rast=0"x70" Step=6" Cafe=1.02s  Mavelength=1375A RB5464 Mac.=KI Carr.Lon.=309deg  Peak  HaClass=5F S21W64 RB5464 Mac.=KI Carr.Lon.=309deg  O3:57 O3:59 CaPeak.c/s=6 Qual=0 FePeak=03:56 Rast=0"x10" Step=0" Pitch=+507"  D0Y=127 End times  Wavelength=1375A Exp #=88427 Rast=0"x10" Step=0" Pitch=+507"  D0Y=127 End times  Wavelength=2788A Qual=0 Tot Cts=1937 Rast=10"x10" Step=0" Pitch=+423  Qual=01  Exp #=88427 Rast=10"x10" Step=0" Pitch=+423  Peak  O3:59 CaPeak.c/s=26 Qual=0 Tot Cts=1937 Rast=10"x10" Step=0" Pitch=+423  Peak  O3:59 Qual=01  Exp #=88427 Rast=10"x10" Step=0" Pitch=+423  Peak  O3:57 O3:59 Peakc/s=30  O4:100  O5:54:14 O5:24:45 Peak.c/s=30  O4:100  O5:54:14 O5:24:45 Peak.c/s=30  O4:100  O5:54:14 O5:24:45 Peak.c/s=30  O4:100  O5:54:14 O5:24:45 Peak.c/s=30  O4:100  O5:54:14 O5:24:14 O5:24:45 Peak.c/s=30  O4:100  O5:54:14 O5:24:14 O5:24:45 Peak.c/s=30  O5:54:14 O5:24:14 O5:24:45 Peak.c/s=30  O5:54:14 O5:24:14 O5:24:35 Qual=0 Tot Cts=1937 Rast=180"x1" Step=0" Pitch=+423  Peak Rat=180"x1"	S 00:46 P 00:43	00:46	00:53	75A	Qual≠ 4	FePeak=00:46 Exp #=88415			dt= 7.7s ) Cad=1.02s   Pitch=+507",	(EN=912700 .024s/pixel Yaw=-691"
01:16:36 01:17:45 Peak c/s=830 Qual=01 Tor Cts=9957 Rast=70"x70" Step=5" Pitch=+507" Peak c/s=830 Qual=01 Exp #=88415 Rast=70"x70" Step=5" Pitch=+507" Peak Ravelength=1375A Qual=01 Peak Rast=265"x265" Step=6" Cad=1.02s Step=6" Pitch=+507" Step=6" Cad=1.02s Step=6" Pitch=+507" Step=6" Pitch=+423 Qual=00 OS:24:14	- 2,0 Sta		End times		S18W65 S29E56	AR5476	Pitch=+535", Yaw <sup>2</sup> Mac.=DAO	683",Roll Carr.Lon.=		1.Ang=66deg 1.Ang=59deg
32 DOY=127  Havelength=1375A  Capeak.c/s=23  Qual=01  Rast=265"x265"  Rast=265"x26"  Rast=265"x265"  Rast=265"x265"  Rast=265"x265"  Rast=265"x265"  Rast=265"x265"  Rast=265"x265"  Rast=265"x265"  Rast=265"x265"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265"x26"  Rast=265	28 28 01:16:14 3P 00:43	4 01:16:36	01:17:45		Qua]=01 Qua]=01	Tot Cts=9957 Exp #=88415	MaxkeV=231 Rast=70"x70"	Flags=M5 Step=5"	Pitch=+507"	, Yaw=-691"
DOY=127 Peak End times HaClass=SF S21W64 AR5464 Mac.=EKI Carr.Lon.=309deg Qual=00 OS:57 O3:59 CaPeak.c/s=26 Qual= 1 FePeak=03:56 FePeak.c/s=6 #Peaks=1 dt= 7.7s Wavelength=1375A Exp #=88427 Rast=10"x10" Step=0" Pitch=+517" Peak End times Ov=127 Wavelength=2788 Qual=01 Tot Cts=1937 Rast=180"x1" Step=0" Pitch=+423" Oval=00 OS:24:14 O5:24:45 Peakc/s=87 Qual=01 Tot Cts=1937 Rast=180"x1" Step=0" Pitch=+423" Oval=00 OS:24:14 O5:24:45 Peakc/s=87 Qual=01 FePeak=05:55 FePeak.c/s=24 #Peaks=2 dt= 7.7s Oval=00 Os:54	ent # = 22/3/ 705/07,03:44 Start ES 03:43 S 03:45 SP 03:45	2 D0Y=127 Peak 03:44	End times 03:52		Qua]=01 Qua]= 5	FePeak=03:43 Exp #=88425	FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+550"	XEN=912701 1.024s/pixel ,Yaw=-682"
DOY=127  Peak  End times  Qual=00  05:24:14 05:24:45 Peakc/s=87  Wavelength=2788A  Sy(MHz)/Flux(sfu): 8800/85 15400/83  DOY=127  Peak  Gual=00  Gual=00  Gual=00  Exp #=88434  Rast=180"x1"  Step=0" Pitch=+423"  RaxkeV=144  Rast=180"x1"  Step=0" Pitch=+423"  Qual=00  Qual=00  Qual=00  Qual=00  Gual=00  Exp #=88434  Rast=180"x1"  Step=0" Pitch=+423"  RaykeV=144  Rast=180"x1"  Step=0" Pitch=+423"  Peak  Oual=00  Exp #=88435  Rast=240"x240"  Step=15"  Step=0" Pitch=+423"  RaykeV=144  Febeaks=2 dt= 7.7s  RaykeV=144  Febeaks=2 dt= 7.7s  RaykeV=144  Febeaks=2 dt= 7.7s  RaykeV=144  Febeaks=2 dt= 7.7s  RaykeV=144  Febeaks=2 dt= 7.7s  RaykeV=144  Febeaks=2 dt= 7.7s  RaykeV=144  Febeaks=2 dt= 7.7s  Febeaks	ent # = 2273 /05/07,03:57 Start tical ES S 03:55 S 03:48		End times 03:59	HaClass=SF CaPeak.c/s≈26 Wavelength=1375A	\$21W64 Qual=00 Qual= 1	AR5464 FePeak=03:56 Exp #=88427	Mac.=EKI FePeak.c/s=6 Rast=0"x0" Rast=10"x10"	Carr.Lon.= #Peaks=1 Step=0" Step=0"	7s 02s +517	H.Ang=65deg XEN=912702 1.024s/pixel ,Yaw=-700"
t # = 22734 5/07,05:54 DOY=127 Start Peak End times 05:16 05:54 06:12 CaPeak.c/s=139 Qual= 1 FePeak=05:55 FePeak.c/s=24 #Peaks=2 dt= 7.7s 05:16 05:54 06:12 CaPeak.c/s=139 Qual= 1 FePeak=05:55 Rast=240"x240" Step=15" Cad= 262s 06:02	ent # = 1124 /05/07,05:24 Start ES	11 DOY=127 Peak 11 05:24:14:ncy(MHz)/1	End times 4 05:24:45 Flux(sfu):	SMM Pointing: Peakc/s=87 Wavelength=2788A 8800/85 15400/83	\$18W67 Qual=00 Qual=01	Tot Cts=1937 Exp #=88434	Pitch=+540", Yaw MaxkeV=144 Rast=180"x1"	/=-693", Rol Step=0"	]=-20deg Pitch=+423'	H.Ang=67deg ',Yaw=-514"
	rent # = 227; 1/05/07,05:54 Start DES 05:16 SS 05:16 SS 06:02	1		CaPeak Wavele			FePeak.c/s=24 Rast=240"x240" Rast=180"x1"		dt= 7.7s Cad= 262s Pitch=+425	XEN=912703 1.024s/pixel ",Yaw=-516"

   gr	ģ		.e_				<b>5</b>	<u>е</u>	 					<b>-</b>	ļ	
H.Ang=69deg	H.Ang≖56deg	XEN=912704	1.024s/pixel ", Yaw=-518"	H.Ang=69deg	", Yaw=-521"	H.Ang=69deg	XEN=912705	1.024s/pixel ", Yaw=-522"	H.Ang=69deg	', Yaw=-525"	H.Ang=69deg	H.Ang=71deg	XEN=912706		H.Ang=69deg	, Үаw=-525"
]=-20deg	=191deg	dt= 7.7s	Cad=1.02s 1 Pitch=+426",	1=-20deg	Pitch=+427"	]=-20deg	ý	Cad= 262s 1 Pitch=+428",		Pitch=+429", Yaw=-525	, Roll=-20deg	.313deg	dt= 7.7s	Cad= 262s Pitch=+429"	=-20deg	Pitch=+429",Yaw=-525"
, Yaw=-704", Roll=-20deg	Carr.Lon.=191deg	#Peaks=1	Step=0" Step=0"	,Yaw=-704",Roll=-20deg	Step=0"	w=-704", Rol	#Peaks = 1	Step=15" Step=0"	, Yaw=-704", Roll=-20deg	Step=0"	, Yaw=-704", Roll	Carr.Lon.=313deg	#Peaks=1	Step=15" Step=0"	/=-704", Roll	Step=0"
Pitch=+547", Ya	Mac.≖DA0	MaxkeV=231 FePeak.c/s=7	Rast≈0"x0" Rast=180"x1"	Pitch=+547", Ya	MaxkeV=144 Rast=180"x1"	Pitch=+547", Yaw=-704", Roll=-20deq	MaxkeV=187 FePeak.c/s=12	Rast=240"x240" Rast=180"x1"	Pitch=+547", Ya	MaxkeV=187 Rast=180"x1"	Pitch=+547", Yaw	Mac.≖EKI	MaxkeV=102 FePeak.c/s=10	Rast=240"x240" Rast=180"x1"	Pitch=+547", Yaw=-704", Roll=-20deg	MaxkeV=102 Rast=180"x1"
	AR5476	Tot Cts=2259 FePeak=06:51	Exp #=88436		Tot Cts=310 Exp #=88437		Tot Cts=4823 FePeak=08:26	Exp #=88438		Tot Cts=360 Exp #=88439		AR5464	Tot Cts=153 FePeak=08:57	Exp #=88439		Tot Cts=188 Exp #=88439
S18W69	S30E52	Qual=01 Qual=5	Code=01	S18W69	Qual=00 Qual=01	S18W69	Qual=01 Qual=01 Qual= 1	Code=01	S18W69	Qual=00 Qual=01	S18W69	\$21W71	Qual=01 Qual=01 Qual= 1		S18W69	Qual=01 Qual=01
SMM Pointing:	HaClass=1F Importance=M1	Peak/s=160   CaPeak.c/s=25	Wavelength=2788A	SMM Pointing:	Peakc/s=78 Wavelength=2788A	SMM Pointing:	Importance=C2 Peakc/s=245 Capeak.c/s=35	Wavelength=2788A	SMM Pointing:	Peakc/s=160 Wavelength=2788A	SMM Pointing:	HaClass=SF	Peakc/s=41 CaPeak.c/s=36	Wavelength=2788A	SMM Pointing:	Peakc/s=48 Wavelength=2788A
End times	07:10	06:55:33 07:02		End times	07:23:29	1	08:36 08:26:14 08:35		End times	6:32	+ 1,00	n	08:55:50 09:14	_	End times	1
DOY=127 Peak	07:04	06:54:41		D0Y=127 Peak	07:23:23	0Y=127	8:24:47 8:26 8:26		DOY=127 Peak	08:46:25	00Y=127	3	08:55:29 08:57		D0Y=127 Peak	3:02
Event # = 11242 89/05/07,07:04 Start	1] 06:56	06:53:40 06:49	06:39	Event # = 11243 89/05/07,07:23 Start	07:23:12 07:34	# = 11244 07,08:32	GOES 08:23 0 HXRBS 08:23:49 0 BCS 08:26 0	08:11	t # = 11245 5/07,08:46 Start	08:46:21 09:08	Event # = 11246 89/05/07,08:57 Start		08:55:25 08:55	80:60	Event # = 11247 89/05/07,09:08 Start	
Event 89/05,	Optica GOES	HXRBS BCS CS	UVSP	Event 89/05/	GOES HXRBS UVSP	Event 89/05/	GOES HXRBS BCS BCS	UVSP	Event 89/05/	GOES HXRBS UVSP	Event 89/05/	Optica GOES	HXRBS (	UVSP	Event # 89/05/(	GOES HXRBS UVSP

-	E .	50	ρ. D. [a]	Бъ <u>-</u>	
XEN=912707 1.024s/pixe1 '',Yaw=-532"	H.Ang=72deg XEN=912708 1.024s/pixel ', Yaw=-536"	H.Ang=76deg ,Yaw=-266"	H. Ang=75deg H. Ang=75deg XEN=912709 1.024s/pixel ', Yaw=-687"	H.Ang=50deg H.Ang=78deg ", Yaw=+716"	H.Ang=50deg H.Ang=82deg H.Ang=71deg XEN=912710 1.024s/pixel 1.024s/pixel 1.7aw=+682" 1.7aw=+653"
dt= 7.7s X Cad=1.02s 1 Pitch=+434",	8s 62s +437	=90deg Pitch=-866"	,Roll=-20deg H Lon.=312deg H s=1 dt= 3.8s X 15" Cad= 262s 1 5" Pitch=+572",	,Roll=-20deg	Lon.=319deg H Lon.=169deg H Lon.=169deg H s=1 dt= 7.7s 0 0" Cad=1.02s 5" 5" Pitch=+239" 5" Pitch=+248"
#Peaks=1 Step=0" Step=0"	Carr.Lon.=311deg #Peaks=1 dt= 3. Step=15" Cad= 2 Step=0" Pitch=	=-279", Roll Step=3"	728" Carr. #Peak Step= Step=	,Yaw=+703",Roll=-20de Carr.Lon.=314deg 65" Step=5" Pitch=	, Yaw=+703", Roll=-20de Carr.Lon.=169deg Carr.Lon.=169deg 7 #Peaks=1 dt= 7. Step=0" Cad=1. Step=5" Pitch= 
FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	Mac.=EKI FePeak.c/s=15 Rast=240"x240" Rast=180"x1"	<pre>pitch=-879", Yaw=-279", Roll=90deg MaxkeV=102 Rast=243"x243" Step=3" Pitch=</pre>	Pitch=+562", Yaw: Mac.=EKI MaxkeV=102 FePeak.c/s=48 Rast=240"x240" Rast=30"x30"	Pitch=+204", Yan Mac.=EKI MaxkeV=102 Rast=265"x265"	Pitch=+204" Mac.=EKI MaxkeV=102 FePeak.c/s= Rast=0"x0" Rast=30"x30 MaxkeV=102 Rast=30"x30
FePeak=12:21 Exp #=88443	AR5464 FePeak=14:37 Exp #=88446	Tot Cts=490 Exp #=88448	AR5464 Tot Cts=438 FePeak=17:57 Exp #=88451	AR5464 Tot Cts=986 Exp #=88456	AR5464 AR5478 Tot Cts=3095 FePeak=19:39 Exp #=88460 Event # = 11252 Tot Cts=22 Exp #=88458
Qual=00 Qual= 4 F	S21W72 Qual=03 Qual= 1 I Code=00 I	\$18W76 Qual=00 Qual=01	\$18W75 \$21W75 Qual=01 Qual=1 Qual= 1 Code=00	\$29E45 \$21W78 Qual=01 Qual=01 Code=00	\$29E45 \$21W83 \$21W83 \$21W83 \$0ual=03 \$0ual=1 \$A Code=00 \$5\$ Code=00 \$5\$
CaPeak.c/s=19 Wavelength=2788A	HaClass=SF Importance=C3 CaPeak.c/s=68 Wavelength=2788A	SMM Pointing: Peakc/s=68 Wavelength=2788A	SMM Pointing: HaClass=1F Importance=C5 Peakc/s=43 CaPeak.c/s=209 Wavelength=1375A	SMM Pointing: HaClass=SN Importance=C7 Peakc/s=54 Wavelength=1375A	SMM Pointing: S29E45 HaClass=SF S21W83 HaClass=SF N26E67 Importance=C7 Qual=03 PeakC/s=82 Qual=01 CaPeak.c/s=27 Qual= 1 Wavelength=1375A Code=00 Associate PeakC/s=49 Qual=01 Wavelength=1375A
End times 12:23 C	End times 15:17 15:29	End times 16:23:52	End times 18:02 17:58:00 18:08	End times 19:17 19:13:50	End times 20:08 19:40:58 19:46
D0Y=127 Peak E 12:20 1	DOY=127 Peak B	DOY=127 Peak 16:23:36	DOY=127 Peak 17:58 17:56:30 17:58	0 DOY=127 Peak 19:14 7 19:12:41	1 DOY=127 Peak 19:42 8 19:38:39 19:40
Event # = 22735 89/05/07,12:20 Start GOES BCS 12:20 FCS UVSP 12:14	Event # = 22736 89/05/07,14:38 Start Optical GOES 14:25 BCS 14:33 FCS 14:24	Event # = 11248 89/05/07,16:23 Start GOES HXRBS 16:23:21 UVSP 16:09	Event # = 11249 89/05/07,17:58 Start Optical GOES 17:55 HXRBS 17:56:01 BCS 17:54 FCS UVSP 17:43	Event # = 11250 89/05/07,19:14 Start Optical GOES 19:08 HXRBS 19:11:37 UVSP 19:13	Event # = 11251 89/05/07,19:42 Start Optical Optical GOES 19:30 HXRBS 19:34:58 BCS 19:37 FCS 19:33 UVSP 19:33

		1															
H.Ang=50deg	Pitch=+231",Yaw=+645"	H.Ang=49deg	H.Ang=77deg H.Ang=49deg	XFN=912711	_			XEN=912800 ", Yaw=+631"	H Angadad	Sanot Silveri	H.Ang=42deg	', Yaw=+650"	1 1 1 1	H. Ang=47deg	, Yaw≖+594"	H.Ang=47deg	Yaw=+838"
11=-20deg	Pitch=+231	11=-20deg	Carr.Lon.=312deg Carr.Lon.=191deg		Cad= 262s Pitch=+241			dt= 7.7s X Pitch=+242",	Roll=_20den	n	.≖∠b∪deg	Pitch=+243"	1 1 1 1 1 1	1=-20deg	Pitch=+237",Yaw=+594"	, Roll=-20deg	Pitch=+98", Yaw=+838"
/aw=+703", Ro	Step=5"	, Yaw=+693", Roll=-20deg	Carr.Lon Carr.Lon		" Step=15" Step=5"			#Peaks=1 Step=5"	. Yaw=+670". Ro		carr.Lon.≃26Udeg	Step=5"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W=+660", Ro]	Step=0"	w=+660", Ro]	Step=0"
Pitch=+204", Yaw=+703", Roll=-20deg	MaxkeV=102 Rast=30"x30"	Pitch=+207",Y	Mac.=EKI	MaxkeV=144 FePeak.c/s=11	Rast=240"x240" Rast=30"x30"			FePeak.c/s=8 Rast=30"x30"	Pitch=+214", Ye	. TAG - 26M	ממרי-טאן	MaxkeV=102 Rast=70"x70"		Pitch=+217", Yaw=+660", Roll=-20deg	MaxkeV=102 Rast=10"x10"	Pitch=+217", Yaw=+660"	MaxkeV=102 Rast=180"x1"
	Tot Cts=346 Exp #=88465		AR5464 AR5476	Tot Cts=11121 FePeak=21:17	Exp #=88467	8 DOY=128		FePeak=00:32 Exp #=88483		AR5470	Tot Cto. FOOC	for cts=5996 Exp #=88485	Event # = 11256 Tot Cts=369		Tot Cts=374 Exp #=88492		Tot Cts=211 Exp #=88495
S29E45	Qua]=00 Qua]=01	S29E44	\$21W77 \$30E44 0ual=01	Qual=01 Qual= 1	Code=00	89/02/08		Qua]=00 Qua]= 4	S29E42	N30W27	Qual=01	Code=00 8800/41	Associated Qual=01	S29E41	Qual=00 Qual=01	S29E41	Qua]=00 Qua]=01
SMM Pointing:	Peakc/s=53 Wavelength=1375A	SMM Pointing:	HaClass=1B HaClass=SF Importance=M2	Peakc/s=174 CaPeak.c/s=51	Wavelength≖1375A			CaPeak.c/s=19 Wavelength=1375A	SMM Pointing:	HaClass=1F	Importance=M1	:::(,3-1375  ength=1375 /39 4995/68	Peakc/s=72	SMM Pointing:	Peakc/s=57 Wavelength=1375A	SMM Pointing:	Peakc/s=38 Wavelength=2788A
End times	3 20:51:39	End times	21:25	21:19:01 21:27			End times	00:39	-	בוות רווונג	02:05 01:43:40		01:53:36	End times	03:40:56	End times	
3 D0Y=127 Peak	8 20:50:38	t DOY=127 Peak	21:19	21:17:51 21:18			D0Y≖128 Peak	00:33	DOY=128	800	01:46 02:05 01:38:39 01:43:40	1:31 Frequency(MHz)/Flux(sfu)	01:53:26 01:53:36	D0Y=128 Peak	03:40:40	00Y=128 Peak	04:38:47 04:39:29 04:39:54 04:20
Event # = 11253 89/05/07,20:50 Start	20:50:28 20:50	Event # = 11254 89/05/07,21:19 Start	a] a) 21:11	21:12:40 21:14	21:07	# = 22737	89/05/08,00:33 Start	00:32 00:29	Event # = 11255 89/05/08,01:46		01:16 01:38:18 0	1:31 Frequenc	01:53:06	Event # = 11257 89/05/08,03:40 Start	03:40:20 03:28	Event # = 11258 89/05/08,04:39 Start	04:38:47 04:20
Event 89/05	GOES HXRBS UVSP	Event 89/05,	Optical Optical GOES	BCS BCS FCS	UVSP	Fvent	89/05/	GUES BCS UVSP	Event 89/05/	Optica	GOES HXRBS	. 0	HXRBS	Event 89/05/(	GUES HXRBS UVSP	Event # 89/05/0	HXRBS UVSP

מ מ	<b>5</b> 7 <b>5</b> 7	<b>5</b> 6		Б <b>ә</b> -	<b>D</b>	Đĩ:
=-20deg H.Ang=46deg 211deg H.Ang=25deg Pitch=+100",Yaw=+833"	=-20deg H.Ang=43deg 173deg H.Ang=55deg Pitch=+117",Yaw=+780"	=-20deg H.Ang=42deg Pitch=+247", Yaw=+603"	H. Ang=40deg H. Ang=40deg 6", Yaw=+448"	=-20deg H.Ang=37deg Pitch=+145", Yaw=+438"	H.Ang=Odeg	H.Ang=0deg
20deg  -211deg   Pitch=+100	=-20deg  -=173deg 	]]=-20deg Pitch=+24	+552",Roll=-20deg		0deg	0deg
w=+649",Roll=-20de Carr.Lon.=211deg Step=0" Pitch=	aw=+606",Roll=-20de Carr.Lon.=173deg Step=0" Pitch=	,Yaw=+596",Roll=-20deg .65" Step=5" Pitch=+	aw=+552",Ro Carr.Lon Step=5"	(aw=+512", RC Step=0"	w=+0", Roll=(	w=+0", Roll=
Pitch=+220",Yaw=+649",Roll=-20deg Mac.=DAI Carr.Lon.=211deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=+	Pitch=+234", Yaw=+606", Roll=-20deg Mac.=CSO Carr.Lon.=173deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=+	Pitch=+237",Ya MaxkeV=102 Rast=265"x265"	Pitch=+252", Yaw=+552", Roll=-20deg Mac.=DAO Carr.Lon.=198deg MaxkeV=102 Rast=30"x30" Step=5" Pitch=+	Pitch=+265", Yaw=+512", Roll=-20deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=+	Pitch=+0",Yaw=+0",Roll=Odeg MaxkeV=144	Pitch=+0", Yaw=+0", Roll=Odeg MaxkeV=102
AR5474 fot Cts=720 xp #=88496 40	AR5478 Tot Cts=169 Exp #=88508	Tot Cts=1964 Exp #=88509	AR5476 Tot Cts=94 Exp #=88539	Tot Exp	Tot Cts=174	Tot Cts=174
S29E40 N12E20 Qual=03 Qual=01 Code=00 F/87 2695,	\$29E36 \$25E53 Qual=01	S29E35 Qual=00 Qual=01	N ZOO	89/05/09 S29E28 Qual=00 Qual=01	\$03₩00 Qual≈00 Qual=01	\$03W00 Qual=00 Qual=01
SMM Pointing: S29E40  HaClass=1F N12E20 Al Importance=C5 Qual=03 PeakC/s=56 Qual=01 Tot C Wavelength=2788A Code=00 Exp #	SMM Pointing: HaClass=SF Peakc/s=49 Wavelength=2788A 410/74	SMM Pointing: Peakc/s=42 Wavelength=1375A	SMM Pointing: HaClass=SF Peakc/s=44 Wavelength=1375A	SMM Pointing: Peakc/s=37 Wavelength=2788A	SMM Pointing: Peakc/s=55	SMM Pointing: Peakc/s=38
End time: 05:45 05:23:58	.   • • • • •	End time: 15:34:00	End times 21:43:28	End times 7 04:39:28	End times 4 10:11:52	End times 8 10:15:14
00Y=128 Seak 55:26 55:22:21	= 11260 14:07 DOY=128 tart Peak End time 4:07:37 14:07:40 14:08:00 4:33 Frequency(MHz)/Flux(sfu)	DOY=128 Peak 15:24:27	DOY=128 Peak 5 21:43:19	3 D0Y=129 Peak 2 04:39:17	4 DOY=129 Peak 5 10:11:34	5 DOY=129 Peak 6 10:14:58
∞ N O O O	∞∨	Event # = 11261 89/05/08,15:24 Start GOES HXRBS 15:21:43 UVSP 15:23	Event # = 11262 89/05/08,21:43 Start Optical GOES HXRBS 21:43:05 UVSP 21:36	Event # = 11263 89/05/09,04:39 C Start F GOES HXRBS 04:38:42 ( UVSP 04:30	;# = 11264 5/09,10:11 Start 5 10:11:25	# = 1126 09,10:14 Start 10:14:1
Event #89/05/000ptical GOES HXRBS	Event # 89/05/0 0ptical GGES HXRBS UVSP Radio	Event 89/05/ GOES HXRBS UVSP	Event # 89/05/06 0ptical GOES HXRBS UVSP	Event 89/05/ 60ES HXRBS UVSP	Event 89/05/ GOES HXRBS	Event 89/05/ GOES HXRBS

Part   Part	Event # = 22738 89/05/09,13:53	DOY=12	(							
13:53   13:55   CaPeak.c/s-21   Qual-10   Febak-13:53   Febak.c/s-10   Febak-13:53   Febak.c/s-10   Febak-13:53   Febak.c/s-10   Febak-13:53   Febak.c/s-10   Febak.c/s-1	Optical GOES	7 6 8			\$29E16		Mac. = EA0	Carr.Lon	197deg	H.Ang=30deg
B9/05/10   DOY-130   Pitch+167   Step-0"   Cad-1.02s	13:5	3	:5	CaPeak.c/s=21	Qual= 5			#Peaks=1		XEN=912900
Second   S	13:4			Wavelength=2788	Ø	Exp #=88559		Step=0" Step=0"		1.024s/pixel ",Yaw=+378"
Second Second		755			89/05/1					
05.32 00.37   Importance=C3	9/05/10,00:	00Y=13 beak	0	SE	S29E13		Pitch=+333", Ya	w=+315", Ro	11=-20deg	H. Ang=29deg
DOY-130   Pote times   Pote t	0ES 00:26 XRBS 00:26 VSP 00:22	00:32 00:28	00:37 00:30:20	Imp Pea Kav		Tot Cts=1373 Exp #=88588	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+353	", Yaw=+252"
02:07 02:11   HaClass=SF   Gabe   AR6476   Hac.=EA0   Carr.Lon.=198deg   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Qasi=06:05   Peak.c./s=48   Qasi=06:05   Peak.c./s=48   Qasi=06:05   Peak.c./s=48   Qasi=06:05   Peak.c./s=210   Qasi=10   Tot Cts=38   Rast=10/x10"   Step=15" Caf= 262s   Rast=240"x240" Step=16" Pitch=+356   Pitch=+356   Peak.c./s=55   Qasi=06:05   Qasi	vent # = 11; 9/05/10,02:( Start	267 7 DOY=13( Peak	End ti	Pointing	S29E12		Pitch=+337", Ya	w=+305", Ro	11=-20deg	H.Ang=29deg
Navelength=13754   October   Octob	ptical DES 02:02	02:07	02:11	HaClass=SF Importance=C3	\$30E08 0µa1±03	AR5476	Mac.=EA0	Carr. Lon	.=198deg	H.Ang=28deg
Box   130	(RBS 02:04: S 02:04 SS 02:04 SP 01:56	02:04: 02:06	02:21 02:21	Peakc/s=48 CaPeak.c/s=109 Wavelength=1375A		Tot Cts=398 FePeak=02:05 Fxn #=88507	MaxkeV=102 FePeak.c/s=27 Rast=240"x240"		dt= 3.8s Cad= 262s	XEN=913000 1.024s/pixel
03:55 04:04 Importance=C2 Qual=02	/ent # = 112 //05/10,03:5 Start	DOY=13	+ Fai	Pointing	\$29E11		Pitch=+341", Yaw	v=+295", Ro	]=-20deg	H.Ang=28deg
00 03:49:27 03:52:32	tical	03.55	2	HaClass=SF	N25E55	AR5478	Mac.=CA0	Carr.Lon.	=150deg	H.Ang=60deg
69 4 D0V=130 5MM Pointing: S29E06 Peak End times Importance=C2 Qual=01 Type/Intensity: III/1 5 D0V=131 5 D0V=131 5 D0V=131 69  Rast=180"x1" Step=0" 89/05/11 D0V=131 5 D0V=131 60:38 00:53 CaPeak.c/s=81 Qual=05 00:38 00:53 CaPeak.c/s=81 Qual=05 00:38 00:53 CaPeak.c/s=81 Qual=05 00:38 00:53 CaPeak.c/s=81 Qual=05 00:38 D0:53 CaPeak.c/s=81 Qual=5 FePeak=00:38 Rast=180"x1" Step=0"	N COO	00 03:49:2 Type/	~	LC LC	Qual=02 Qual=01 Code=01	Tot Cts=2173 Exp #=88606	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+356	', Yaw=+249"
4 D0Y=130 4 D0Y=130 4 D0Y=130 4 D0Y=130 4 D0Y=130 5 Importance=C2	alo Frequ	ency(MHz)/		/110 410/78	06/130 14]					
12:24 12:30 Importance=C2 Qual=01  O2 12:21:27 12:21:48 Peakc/s=51 Qual=01 Tot Cts=363 Maxkev=102  Wavelength=2788A Code=00 Exp #=88617 Rast=180"x1" Step=0"  Type/Intensity: III/1	ent # = 112 /05/10,12:2 Start	69 4 DOY=130 Peak	End times	SMM Pointing:	S29E06		Pitch=+363", Yaw	/=+231", Rol	]=-20deg	H.Ang=27deg
39 DOY=131	ES 12:21 RBS 12:21: SP 12:07 dio Sweeps	12	12:30 12:21:48 tensity:	Importance=C2 Peakc/s=51 Wavelength=2788A [II/]	Qual=01 Qual=01 Code=00	Tot Cts=363 Exp #=88617	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+243"	, Yaw=+162"
5 D0Y=131 Peak End times 00:35 00:50 Importance=C4 Qual=05 00:38 00:53 CaPeak.c/s=81 Qual= 5 FePeak=00:38 FePeak.c/s=9 #Peaks=1 00:38 00:53 CaPeak.c/s=81 Qual= 5 FePeak=00:38 Rast=240"x240" Step=15" Wavelength=2788A Code=00 Exp #=88629 Rast=180"x1" Step=0"	Pnt # = 227	o.			89/05/11					
00:29 Wavelength=2788A Code=00 Exp #=88629 Rast=180"x1" Step=0"	/05/11,00:3 Start ES 00:23 S 00:37 S	DOY=13 Peak 00:35 00:38		mportance=C4 aPeak.c/s=81	Qual=05 Qual= 5	FePeak=00:38	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=913100
	00:5		<b>.</b> \$	lavelength=2788A		Exp #=88629	Kast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+276"	1.024s/pixel ,Yaw=+328"

I	1	1	1			
H.Ang=29deg XEN=913101 1.024s/pixel ", Yaw=+79"	H.Ang=26deg ", Yaw=+105"	H.Ang=26deg ", Yaw=+105"	H.Ang=28deg )", Yaw=+34"	-20deg H.Ang=31deg Pitch=+359", Yaw=+110"	H.Ang=Odeg H.Ang=73deg ,Yaw=+0"	=-20deg H.Ang=33deg Pitch=+380", Yaw=+58"
88 628 +453	,Roll=-20deg	,Roll=-20deg	20deg	,Roll=-20deg =0" Pitch=+355	deg ch=-4"	20deg 
Carr.Lon.=197deg #Peaks=1 dt= 3. Step=15" Cad= 2 Step=5" Pitch=	,Yaw=+109",Rol ]" Step=5"	,Yaw=+109",Rol " Step≖5"	,Yaw=+22",Roll=-20deg 50" Step=10" Pitch=	, Yaw=-76", Rol" " Step=0"	'Yaw=+4",Roll=-20deg Carr.Lon.=102 2 x1" Step=0" Pit	,Yaw=-127",Roll=-20deg
Mac.=EKI FePeak.c/s=10 Rast=240"x240" Rast=30"x30"	Pitch=+409", Ya MaxkeV=231 Rast=30"x30"	Pitch=+409",Ya MaxkeV=144 Rast=30"x30"	Pitch=+443", Yau MaxkeV=102 Rast=150"x150"	Pitch=+480",Y MaxkeV=102 Rast=180"x1"	Pitch=-3", Yaw Mac.=HSX MaxkeV=102 Rast=180"x1"	Pitch=+501",) MaxkeV=102 Rast=180"x1"
AR5476 FePeak=05:28 Exp #=88637	Tot Cts=3941 Exp #=88641	Tot Cts=175 Exp #=88641	Tot Cts=601 Exp #=88686	2 DOY=132 Tot Cts=97 Exp #=88724	AR5487 Tot Cts=302 Exp #=88730	Tot Cts=239 Exp #=88734
\$31W06 Qual=00 Qual= 1	\$29₩03 Qual=00 Qual=01	\$29W03 Qual=00 Qual=01 A 606/130	\$29W09 Qual=01 Qual=01 Code=00	89/05/12 \$29#17 Qual=00 Qual=01	S03W00 N15E72 Qual=00 Qual=01	\$29W21 Qual=04 Qual=01
HaClass=SF CaPeak.c/s=65 Wavelength=1375A	SMM Pointing: Peakc/s=127 Wavelength=1375A	SMM Pointing: Peakc/s=50 Wavelength=1375A 245/120 410/92 60	SMM Pointing: Importance=C3 Peakc/s=60 Wavelength=1375A	SMM Pointing: Peakc/s=40 Wavelength=2788A III/2 245/75 410/45	SMM Pointing: HaClass=SF Peakc/s=42 Wavelength=2788A	SMM Pointing: Peakc/s=43 Wavelength=2788A
End times H 05:52 (	End times 06:09:18	= 11271 .06:11 DOY=131 tart Peak End times 6:10:37 06:11:37 06:12:55 5:55 Frequency(MHz)/Flux(sfu):	End times 17:53 17:42:31 Itensity:	# = 11273 12,07:46 D0Y=132 Start Peak End times 07:46:20 07:46:30 07:46:51 07:28 Type/Intensity: Frequency(MHz)/Flux(sfu):	End times 2 12:17:11	End times 35 15:22:07
DOY=131 Peak 05:29	D0Y=131 Peak 06:06:33	D0Y=131 Peak 06:11:37 cy(MHz)/F	17	DOY=132 Peak 07:46:30 Type/icy(MHz)/i	DOY=132 Peak 5 12:17:02	11274 15:21 DOY=132 art Peak :21:14 15:21:35 :14
= 22740 1,05:29 Start 05:21 05:22		# (11 S 0	Event # = 11272 89/05/11,17:45 Start GOES 17:40 HXRBS 17:41:25 UVSP 17:42 Radio Sweeps	** V)	Event # = 11275 89/05/12,12:17 Start Optical GOES HXRBS 12:16:16 UVSP 12:08	# = '12, St 15
Event #89/05/1 89/05/1 Optical GOES BCS FCS UVSP	Event 89/05/ GOES HXRBS UVSP	Event 89/05/ GOES HXRBS UVSP Radio	Event 89/05/ GOES HXRBS UVSP Radio	Event 89/05/ GOES HXRBS UVSP Radio Radio	Event # 89/05/12 Optical GOES HXRBS UVSP	Event 89/05/ GOES HXRBS UVSP

-				(1) (2)				
)t	41 9 D0Y=133 Peak	End time	8					
BCS 09:57 FCS 09:48	09:59 09:59	10:05	CaPeak.c/s=33 Peak3c/s=15 Wavelength=2788A	(ua =03 (ua = 1	FePeak=09:58 Exp #=88774	FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 dt= 7.7s Step=15" Cad= 262s Step=0" Pitch=+545	XEN=913300 1.024s/pixel ",Yaw=-245"
				89/05/1	4 DOY=134			
Event # = 1127 89/05/14,06:56 Start	6 DOY=134 Peak	Fnd + impo	SMM Pointing:	S29W40		Pitch=+593", Yaw	, Yaw=-357", Roll=-20deg	H.Ang=47deg
otical DES 06:52		. 6	HaClass=SF	NO7E09	AR5484	Mac.=CAO	Carr.Lon.=141deg	H.Ang⇒13deg
HXRBS 06:53:16 UVSP 06:41	06:53:3	6 06:54:49	Peakc/s=317 Wavelength=1375A	Qual=01 Code=00	Tot Cts=4036 Exp #=88805	MaxkeV=144 Rast=30"x30"	Step=5" Pitch=+656"	", Yaw=-449"
= 1127 4,18:34 Start	8 DOY=134 Peak	End times	SMM Pointing:	N16E51		Pitch=-515", Yaw	, Yaw=+572", Roll=-20deg	H.Ang=54deg
otical JES			HaClass=SF	\$21W20	AR5481	Mac.=CS0	Carr.Lon.=164deg	H.Ang=27deg
88	18:34	18:34:2	Peakc/s=49 Wavelength=1375	Qual=01	Tot Cts=169 Exp #=88866	MaxkeV=102 Rast=30"x30"	Step=5" Pitch=-541"	", Yaw≈+598"
HXRBS 18:30:56	5 18:31:02	2 18:31:07	Peakc/s=76	Associated Qual=01	Event # = 112// Tot Cts=149	MaxkeV=102	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
<pre>ivent # = 11283 39/05/14,22:31 Start</pre>	3 D0Y=134 Peak	End times	SMM Pointing:	N16E49		Pitch=-509", Yaw≊	,Yaw=+552",Roll=-20deg	H.Ang=52deg
tical ES 22:27	22:31		HaClass=SN	\$29W62	AR5476	Mac.=EA0	Carr.Lon.=204deg	H.Ang=64deg
HXRBS 22:28:04 UVSP 21:35	1 22:29:39	22:29:59	Peakc/s=36 Wavelength=2788A	Qual=01 Code=00	Tot Cts=151 Exp #=88873	MaxkeV=144 Rast=243"x243"	Step=3" Pitch=-503", Yaw=+568	', Yaw=+568"
				89/05/15	5 D0Y=135			
event # = 112/9 89/05/15,05:38 Start	) DOY=135 Peak	End times	SMM Pointing:	N16E45	I	Pitch=-496", Yaw=	, Yaw=+510", Roll=-20deg	H.Ang≈48deg
tical ES 05:33		41	HaClass=SN	\$20W26	AR5481	Mac.=CSO	Carr.Lon.=164deg	H.Ang=31deg
HXRBS 05:34:19 UVSP 05:11	05:34:56	05:36:38	88A	Qual=01 Code=01	Tot Cts=2483 Exp #=88882	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=-363"	, Yaw=+442"
Event # = 11284 89/05/15,07:07 Start	00Y=135 Peak	End times	SMM Pointing:	N16E45		Pitch=-496",Yaw≃	Pitch=-496", Yaw=+510", Roll=-20deg	H.Ang=48deg
tical ES			HaClass=SF	N19E47	AR5488	Mac.≈DAO	Carr.Lon.#90deg	H.Ang=51deg
HXRBS 07:06:23 UVSP 06:43	07:07:03	07:12:41	Peakc/s=51 Wavelength=2788A	Qual=01	Tot Cts=1350 Exp #=88884	MaxkeV=187 Rast=180"x1"	Step=0" Pitch=-360"	.Yaw≖+433"

# = 11287 17,09:57 DOY=137 Start Peak 109:06 09:57 09:06:51 09:07:08 09:48			1					
Peak 09:57 1 09:07:08		SMM Pointing:	N16E17	_	Pitch=-374",Yaw=+154"	+154",Roll*	,Roll=-20deg H	H.Ang=25deg
09:06 09:57 09:06:51 09:07:08 09:48	1 times	Class=SF	\$17E36	AR5491	Mac.=BX0	Carr.Lon.=73deg		H.Ang=38deg
	10:11 09:07:23	Importance=C4 Peakc/s=41 Wavelength=2788A		Tot Cts=113 P Exp #=88977	MaxkeV=102 Rast=180"x1"	Step=0" F	Pitch=-236",Yaw=+73"	, Yaw=+73"
			89/05/19	D0Y=139				
Event # = 22742 89/05/19,16:58 DOY=139 Start Peak	End times	ı	N19408	AR5488	Mac.=EKO	Carr.Lon.=87deg		H.Ang=23deg
Optical GOES 16:52 16:58 BCS 16:56 16:57	17:02 16:59	Importance=C2 CaPeak.c/s=22	Qual=04	26	6=s/	#Peaks=1 (	.75	XEN=913900 1.024s/pixel
16:59 uency(MHz)/	::	Peak3c/s=1/ Wavelength=2788A 245/310	Code=02	Exp #=89069			Pitch=-139"	', Yaw=+165"
			89/05/20	D0Y=140				
Event # = 22743 89/05/20,03:01 DOY=140 Start Peak	End times		<b>1</b> 21016	A R5405	Mac. =CAI	Carr.Lon.=88deg	88deg	H.Ang≈27deg
Optical		HaLIdSS=3F		CETCAL			1 0	00000
GUES 03:01 03:01 FCS 03:04 03:04 UVSP 02:50	03:05	CaPeak.c/s=31 Peak3c/s=17 Wavelength=2788A	Qual= 4	FePeak=03:02 Exp #=89082	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-97",	XEN=914000 1.024s/pixel ,Yaw=-176"
Event # = 11292 89/05/20 04:35 DOY=140		SMM Pointing:	N19W18		Pitch=-226", Yaw	, Yaw=-374", Roll=-20deg	=-20deg	H.Ang=27deg
Start	E E	HaClass=SF	N22W13	AR5495	Mac.=CAI	Carr.Lon.=85deg	*85deg	H.Ang=27deg
04:32 04:35 04:33:20 04:33:3 04:34 04:34	04:37 3 04:34:26 04:41	Importance=C3 Qua =01 Peakc/s=61 Qua =01 CaPeak.c/s=78 Qua = 4 Peak3.c/s=255	Qual=01 Qual=01 Qual= 4	Tot Cts=1039 FePeak=04:34	MaxkeV=102 FePeak.c/s=18 Rast=240"x240" Rast=243"	#Peaks=1 Step=15" Step=3"	dt= 3.8s X Cad= 262s 1 Pitch=-218",	XEN=914001 1.024s/pixe1 ", Yaw=-361"
UVSP 04:35 BCS 04:45 04:47	04:51	CaPeak.c/s=24	Associated Qual= 1	Event # = 22744 FePeak=04:47	FePeak.c/s=12	#Peaks=1 Sten=15"	dt= 7.7s Cad= 262s	XEN=914002 1.024s/pixel
04:57	04:59		Associated Qual= 4	Event # = 22745 FePeak=04:57		•	1	xEN=914003 1.024s/pixel
Event # = 22746 89/05/20,06:46 DOY=140 Start Peak	End times	1	N22U15	A D5.405	Mac. #CAI	Carr.Lon.=86deg	=86deq	H.Ang=28deg
Optical GOES BCS 06:46 06:46 FCS 06:46 UVSP 06:43	06:48	nd	Qual=01 Qual= 4 Qual= 4	FePeak=06:46 Exp #=89091	FePeak.c/s=6 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-218"	XEN=914004 1.024s/pixel ", Yaw=+380"

t # = 227	47								į
89/05/20,08:10 Start	0 D0Y=140 Peak	End times		,					
BCS 08:09 FCS 07:45	08:10 08:12	08:14	CaPeak.c/s=33 Peak3c/s=24 Wavelength=1375A	Qual=01 Qual= 1 A	FePeak=08:10 Exp #=89093	FePeak.c/s=11 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=-282",	XEN=914005 1.024s/pixel 2", Yaw=-387"
Event # = 11293 89/05/20,09:38 Start	93 8 D0Y=140 Peak	End times	SMM Pointing:	N19W20		Pitch=-213", Yaw=-409"	v=-409", Rol	, Roll=-20deg	H.Ang=29deg
GOES HXRBS 09:38:02 UVSP 09:29	02 09:38:25	5 10:09:06	Peakc/s=134 Wavelength=1375A	Qual=00 Qual=14	Tot Cts=83759 Exp #=89098	MaxkeV=631 Rast=10"x10"	Flags=EN,SA,DG Step=O" Pitch=.	SA,DG Pitch=-283	-283", Yaw=-370"
Event # = 11294 89/05/20,13:12 Start	94 2 DOY=140 Peak	Fnd +imps	SMM Pointing:	S02W00		Pitch=-1", Yaw=+6",	+6", Roll=-20deg	Odeg	H. Ang=Odeg
tal 13:08	13:12	13:21	HaClass=SF	N17W22	AR5488	Mac.=EKI	Carr.Lon.=90deg	=90deg	H.Ang≈29deg
HXRBS 13:07:33 UVSP 13:09	33 13:08:37	13:10:12	Peakc/s=61 Wavelength=2788A		Tot Cts=1181 Exp #=89106	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-4",	, Yaw=+0"
Event # = 22748 89/05/20,21:34 Start Optical	18 1 DOY=140 Peak	End times	H Clace	Moomoo	ADEADE				
	;		5	Qual=00	AK0490	mac.=CA1	Carr.Lon.=86deg	-86deg	H.Ang=33deg
BCS 21:34 FCS UVSP 21:24	21:34 21:38	21:58	CaPeak.c/s=43 Peak3c/s=46 Wavelength=2788A	Qual= 5	FePeak=21:35 Exp #=89117	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-43"	XEN=914006 1.024s/pixel ,Yaw=-313"
4 - 1130				89/05/2	1 D0Y=141				
89/05/21,00:22 Start	. D0Y=141 Peak	End times	SMM Pointing:	N19W28		Pitch=-172", Yaw=-511",	=-511", Roll	, Roll=-20deg	H.Ang=35deg
GOES HXRBS 00:15:52 UVSP 00:30		0:32	Peakc/s=230 Wavelength=2788A	Qual=00 Qual=03	Tot Cts=1.96E+5 Exp #=89121	MaxkeV=231 Rast=180"x1"	Flags=EN,N Step=0"	Flags=EN,ND Step=0" Pitch=-34",	, Үаw=-334"
Event # = 22749 89/05/21,02:16 Start	9 D0Y=141 Peak	End times							
02:13 02:04	02:16 02:22	02:29	CaPeak.c/s=30 Peak3c/s=54 Wavelength=2788A	Qua]=00 Qua]= 1	FePeak=02:16 Exp #=89123	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-30",	XEN=914100 1.024s/pixel Yaw=-345"
Event # = 22750 89/05/21,03:52 Start	0 D0Y=141 Peak	End times							
03:45 03:35	03:52 03:56	04:08	CaPeak.c/s=28 Peak3c/s=62 Wavelength=2788A	Qua]=00 Qual≃ 4	FePeak=03:53 Exp #=89125	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 c Step=0" ( Step=0"	dt= 7.7s Cad=1.02s Pitch=_26"	XEN=914101 1.024s/pixe1
									000

Event # = 22751 89/05/21,04:34 GGES Start GCS 04:32 FCS 04:39 UVSP 04:39	DOY=141 Peak 04:34 04:33	End times 04:37	CaPeak.c/s=28 Peak3c/s=22 Wavelength=2788A	Qual=00 Qual= 1	FePeak=04:34 Exp #=89126	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-23",	XEN=914102 1.024s/pixel , Yaw=-363"
Event # = 22752 89/05/21,07:44 GOES BCS 07:44 FCS 07:30	DOY=141 Peak 07:44 07:45	End times 07:45	CaPeak.c/s=21 Peak3c/s=21 Wavelength=1375A	Qua]=00 Qua]= 5	FePeak=07:44 Exp #=89135	FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s XI Cad=1.02s 1 Pitch=-196",	XEN=914103 1.024s/pixel ", Yaw=-532"
Event # = 11295 89/05/21,12:07 Start Optical GOES 12:03 HXRBS 12:04:13 BCS 12:03 FCS UVSP 12:23 Radio Frequenc	= 11295 tart Peak End tim 2:07 D0Y=141 2:03 12:07 12:10 2:04:13 12:04:21 12:04:4 2:03 12:06 12:24 2:23 Frequency(MHz)/Flux(sfu)	End times 12:10 12:04:43 12:24	SMM Pointing: HaClass=SF Importance=C4 PeakC/s=65 CaPeak.c/s=111 Peak3c/s=42 Wavelength=2788A	N19W35 N21W35 Qual=03 Qual= 4	AR5495 Tot Cts=297 FePeak=12:06 Exp #=89147	Pitch=-139", Yaw Mac.=EKC Maxkev=102 FePeak.c/s=16 Rast=240"x240" Rast=180"x1"	594" Carr. #Peak Step= Step=	eg .8s =-3	H.Ang=40deg H.Ang=41deg XEN=914104 ", Yaw=-415"
Event # = 22753 89/05/21,13:46 Start GOES BCS 13:45 FCS UVSP 13:56	3 D0Y=141 Peak 13:46 13:46	End times 13:50	CaPeak.c/s=19 Peak3c/s=63 Wavelength=2788A	Qual=00 Qual= 4	FePeak=13:46 Exp #=89149	FePeak.c/s=5 Rast=0'x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+1",	XEN=914105 s 1.024s/pixel ", Yaw=-425"
Event # = 11296 89/05/21,15:15 Start Optical GOES 14:48 HXRBS 15:13:29 ECS 14:36 FCS 14:36 UVSP 15:28	6 D0Y=141 Peak 15:15 9 15:13:58 15:15 15:15	End times 15:23 8 15:16:33 15:34	SMM Pointing: HaClass=1F Importance=M1 CaPeakC,s=321 CaPeak.c,s=442 Peak3c/s=123 Wavelength=2788A	N21W36 N23W38 Qual=04 Qual=7 Qual=7	AR5495 Tot Cts=7260 FePeak=15:15 Exp #=89151	Pitch=-165", Yaw Mac.=EKC MaxkeV=231 FePeak.c/s=52 Rast=240"x240" Rast=180"x1"	614" Carr. Flags #Peak Step= Step=	l=-20deg =91deg dt= 3.8s Cad= 262s Pitch=-26	H.Ang=42deg H.Ang=45deg XEN=914106 1.024s/pixe1 ', Yaw=-436"
Event # = 2275 89/05/21,16:50 Start Optical GOES BCS 16:50 FCS	54 0 DOY=141 Peak 16:50 16:54	End times 17:06	HaClass=SF CaPeak.c/s=37 Peak3c/s=53 Wavelength=2788A	N20W34 Qual=00 Qual= 4	AR5495 FePeak=16:50 Exp #=89153	Mac.=EKC FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	Carr.Lon.=86deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=0" Pitch	.7s .02s =-23	H.Ang=40deg XEN=914107 1.024s/pixel ',Yaw=-446"

Ha. 17:35 17:39 17:49 Imp Pea 17:40:12 17:40:12 17:40:41 17:42:48 Pea 17:31 17:31 17:57:15 18:02 18:24 Imp Pea 17:40 18:02 18:24 Imp Pea 17:40 18:02 18:25 Cap Pea 17:40 18:02 18:25 Cap Pea 17:40 18:02 18:25 Cap Pea 17:40 18:31 Type/Intensity: V/3 Frequency(MHz)/Flux(sfu): 245. 18:35 Cap Pea 18:35 18:56 DOY=141 End times 18:55 18:35 Cap Pea 19:05 Cap	.Class=18 N	25W32					,
17:40:12   17:40:41   17:42:48   Pea   17:31     21,18:02   DOY=141   End times   Ha.   17:57   18:02   18:24   Imp   Pea   17:40   18:02   18:25   18:05   Cap   17:31   17:44   End times   17:31   End times   Type/Intensity: V/3   V/3   Erequency(MHz)/Flux(sfu): 245   End times   Ha.   18:25   18:35   18:35   End times   Ha.   18:55   18:56   End times   Ha.   19:14   End times   End	urtance=M2	12,75 112,1±05	AR5495	Mac.=EKC	Carr.Lon.=84deg	=84deg	H.Ang=39deg
# = 11298 21,18:02 DOY=141 SMM Start Peak End times Ha. 17:57 18:02 18:24 Imp 17:57:15 18:02 18:25 Cap 17:40 18:02 18:25 Cap 17:40 18:25 18:39 Cap 17:31 Type/Intensity: V/3 Frequency(MHz)/Flux(sfu): 245. 18:25 18:35 18:35 Cap 18:35 18:55 18:39 Cap 18:35 18:55 18:39 Cap 18:53 18:55 18:39 Cap 19:14 19:14 20:06 Cap 19:14 19:18 20:06 Cap 19:05 19:18 End times 20:37 20:47 20:51 Cape 20:37 Start Peak End times 20:37 20:59 20:59 21:22 Cape 20:37 Wave  20:37 Wave 20:30 Wave 20	Peakc/s=76 Wavelength=2788A	Qual=01 T	Tot Cts=3156 Exp #=89154	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-21"	', Yaw=-449"
Ha. 17:57 18:02 18:24 Imp 17:57:15 18:00:36 18:03:48 Pea 17:51 18:00 18:05 18:25 Cap Pea 17:31	Pointing: N	N21W38		Pitch=-155", Yaw	/=-635", Roll:	1=-20deg	H.Ang=43deg
17:57:15 18:00:36 18:03:48 Pea 17:40 18:02 18:25 Cap Pea 17:31 Waveeps Type/Intensity: V/3 Waveeps Frequency(MHz)/Flux(sfu): 245.  18:25 18:25 18:39 Cap Pea 18:35 18:35 Cap Pea 18:31 Res 18:30 Cap Pea 18:31 Res 18:56 DOY=141 Cap Pea 19:14 19:14 20:06 Cap Pea 19:14 Peak End times Start Peak End times	ortance=M3 O	22W32	AR5495	Mac.=EKC	Carr.Lon.	=84deg	H.Ang=39deg
17:31 Sweeps Sweeps Frequency(MHz)/Flux(sfu): 245  -18:25	~=	Qual= 1 F	Tot Cts=53848 FePeak=18:02	MaxkeV=231 FePeak.c/s=625	Flags=M5, #Peaks=2	ES dt= 7.7s	XEN=914108
18:25	elength=2788A /1900 410/370 606/1100		54	Rast=180"x1"	Step=10 Step=0"	cau= 5528 Pitch=-21"	1.024s/p1xel ,Yaw=-449"
# = 22756 21,18:56 DOY=141 Start Peak End times 18:53 18:56 19:09 Im 19:05 19:18 Peak 19:05	oek.c/s=108 Quests: 243c/s=48 relength=2788A		vent # = 22755 ePeak=18:25 xp #=89155	.995/210 8800 	//300 15400  #Peaks=1 Step=15" Step=0"	/160 dt= 7.7s Cad= 262s Pitch=-19"	XEN=914109 1.024s/pixel , Yaw=-455"
18:53 18:56 19:09 Im 19:14 20:06 Ca 19:05 19:18 Ca 19:05 War 21,20:47 DOY=141 End times 20:47 20:48 Pec 20:37 20:48 Pec 20:37 20:48 End times 20:37 Peak End times 20:59 20:59 21:22 CaF 20:37 Wav F = 11304 End times							
19:14 19:14 20:06 Ca 19:05 Wa # = 22757 War 21,20:47 DOY=141 Start Peak End times 20:47 20:47 20:51 Cal 20:37 Wax # = 22758 Wax 20:59 DOY=141 Start Peak End times 20:59 20:59 21:22 Caf 20:59 20:59 21:22 Caf # ANN # End times 20:37 Wax # End times	.Class=1N N2 rtance=M1 Qu	N21¥36 Qual=05		Mac.=EKC	Carr.Lon.=87deg	=87deg	H.Ang=42deg
757 17 DOY=141 Peak End times 20:47 20:51 50:48 50:48 End times 20:59 21:22 21:12 21:12 21:12 21:12	Peak.c/s=67 Qu ak3c/s=59 velength=2788A Cc		FePeak=19:17 Exp #=89156	FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 262s Pitch=-17"	XEN=914110 1.024s/pixel ,Yaw=-458"
20:47 20:51 20:48 50 DOY=141 Peak End times 20:59 21:22 21:12 21:12 50 DOY=141 Feak End times							
58 59	Qu CaPeak.c/s=22 Qu Peak3c/s=53 Wavelength=2788A	Qual=00 Qual= 5 Fe E)	FePeak=20:48 Exp #=89158	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-14"	XEN=914111 1.024s/pixel ,Yaw=-468"
20:59 21:22 21:12 21:04 004 5 DOY=141 End times							
04 5 DOY=141 Peak End time	Qu CaPeak.c/s=31 Qu Peak3c/s=79 Wavelength=2788A	Qual=00 Qual= 1 Fe Ex	FePeak=20:59 Exp #=89158	FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-14",	XEN=914112 1.024s/pixel ,Yaw=-468"
	_	N21W40		Pitch=-147", Yaw=	, Yaw=-656", Roll	, Roll=-20deg	H.Ang=45deg
22:35 22:40		\$21E17 Oual=01	AR5497	Mac.=DAI	Carr.Lon.*32deg	32deg	H.Ang≈25deg
:34:20 22:34:55 Peak Wave	Peakc/s=47 Qu Wavelength=2788A Co	Qual=01 Tot Code=01 Exp	Cts=253 #=89160	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-10",	, Yaw=-477"

ı		1 1	
H.Ang=46deg H.Ang=44deg H.Ang=25deg XEN=914113 XEN=914113 , 1.024s/pixe1	H.Ang=46deg H.Ang=44deg , Yaw=-483" H.Ang=25deg XEN=914114 i.1024s/pixel	30/84 =-20deg H.Ang=48deg 84deg H.Ang=44deg Pitch=-122", Yaw=-686"	XEN=914200 1.024s/pixel 5", Yaw=-643"
တို့ ပို့ လ	8 254 254	8 15400/84 , Roll=-20deg .Lon.=84deg -5" Pitch=-12	dt= 7.7s XI Cad= 262s 1 Pitch=-185",
666",Roll=-20d Carr.Lon.=87deg Carr.Lon.=32deg Flags=I FPeaks=2 dt= 3 Step=10" Cad= Step=0" Pitch	" Step=0" Pitch=- " Step=0" Pitch=- " Carr.Lon.=32deg carr.Lon.=32deg =11  #Peaks=2 dt= 7.7 240" Step=15" Cad= 26   Step=0" Pitch=-	8800/9 /=-699" Carr. Step:	#Peaks=3 Step=15" Step=5"
Pitch=-143", Yaw=-666", Roll=-20deg Mac.=EKC Carr.Lon.=87deg Carr.Lon.=32deg MaxkeV=187 Flags=1 FePeak.c/s=80 #Peaks=2 dt= 3.8 Rast=180"x180" Step=10" Cad= 33 Rast=180"x1" Step=0" Pitch=-	Pitch=-143", Yawmac.=EKC MaxkeV=102 Rast=180"x1" Mac.=DAI FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	2695/160 4995/140 Pitch=-130", Yav Mac.=EKC MaxkeV=144 Rast=265"x265"	FePeak.c/s=12 Rast=240"x240" Rast=70"x70"
AR5495 AR5497 Tot Cts=4340 FePeak=22:49 Exp #=89161	AR5495 Tot Cts=438 Exp #=89161 2 DOY=142 AR5497 FePeak=00:13 Exp #=89163	000 1415/2500 AR5495 Tot Cts=207 Exp #=89168	FePeak=05:20 Exp #=89169
N21W41 N21W38 S21E17 Qual=01 Qual=01 Qual= 1	N21W41 N21W38 Qual=01 Qual=01 Code=00 89/05/22 S21E16 Qual=03 Qual= 4	N21W44 N21W38 Qual=05 Qual=01 A Code=00	Qual=01 Qual= 4 A
SMM Pointing: HaClass=SN HaClass=SN Importance=C8 Peakc/s=151 CaPeak.c/s=353 Peak3c/s=75 Wavelength=2788A 245/75 2695/57 4	SMM Pointing:  HaClass=SN Importance=C4 PeakC/s=54 Wavelength=2788A Importance=M6 CaPeak.c/s=58 Peak3c/s=62 Wavelength=2788A	SMM Pc SMM Pc Ha( Import Peak.	CaPeak.c/s=99 Peak3c/s=79 Wavelength=1375A
\ %	\ \cdot \cdot \cdot	es	End times 05:29
0Y=141 eak 2:50 2:47:16 2:49 2:54 (MHz)/F	DOY=141 Peak 23:14 23:13:16 23:13:16 DOY=142 Peak 00:37 00:16	Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	0 D0Y=142 Peak 05:21 04:49
	Event # = 11299 89/05/21,23:14 Start Optical GOES 23:11 HXRBS 23:12:19 UVSP 23:13 Event # = 22759 89/05/22,00:37 Start Optical GOES 00:17 BCS 23:53	Radio Sweeps Radio Sweeps Radio Frequency Event # = 11306 89/05/22,04:37 Start Optical GOES 04:28 HXRBS 04:38	t # = 22760 5/22,05:21 Start 04:41 04:38
Event # = 89/05/21, 84 Optical Optical GOES 22 HXRBS 22 ECS FCS WWSP 23 WWSP 23 Radio F	Event # 89/05/2 0ptical 60ES HXRBS UVSP UVSP Event # 89/05/2 60ES BCS EVENT # 89/05/2 FCS FCS FCS	Radio Swedio Radio Radio Radio Optical GOES HXRBS	Event 89/05/ 60ES BCS FCS UVSP

Start				10011101					
	Peak	End times	Similar rolling.	C+MT7N		Pitch=-126",Ya	, Yaw=-709", Ro	, Roll=-20deg	H.Ang=49deg
06:27	06:30	06:33	HaClass=SF Importance=C4	N14W49	AR5488	Mac.=EKI	Carr.Lon.=94deg	.=94deg	H.Ang≖51deg
06:27:34 06:22	4 06:28:02 06:29 06:26	06:29:35 06:37	Peakc/s=401 CaPeak.c/s=66	Qual=01 Qual= 1	Tot Cts=5854 FePeak=06:29	Maxkev=187 FePeak.c/s=19	Flags=I #Peaks=1		XEN=914201
06:22 Sweens	Tvne/I		Wavelength=1375A	Code=00	Exp #=89174	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s 1 Pitch=-176"	1.024s/pixel
Frequer	Frequency (MHz)/Flux(sfu)		245/1200 410/110 1415/51	1415/51	2695/39 4995/110	8800/51	-		
Event # = 22761 89/05/22,06:51 Start	1 00Y=142 peak	End times							
06:51		07:02	eak.c/s=39	Qua]=00 Qua]= 4	FePeak=06:51	Februak C/c=8			
06:49	06:52		5A		Exp #=89178	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s Pitch=-175"	
Event # = 22762 89/05/22,08:18 Start	D0Y=142 Peak	End times							
08:18	08:18	08:20	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=08:18	FePeak.c/s=5	#Peaks=1	dt= 7.7s	XFN=914203
08:10	7.00		reak3c/s=39 Wavelength=1375A		Exp #=89185	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-162",	1.024s/pixel ", Yaw=-653"
Event # = 11307 89/05/22,11:22 Start	D0Y=142 Peak	End times	SMM Pointing:	N21W48		Pitch=-656", Yaw=+360", Roll=90deg	=+360", Rol	]=90deg	H.Ang=52deg
11:18	11:22	11:29		\$21E09 Oual=01	AR5497	Mac.=DAI	Carr.Lon.=33deg	=33deg	H.Ang=21deg
11:20:16 10:46	11:20:36	11:20:42	Peakc/s=53 Wavelength=2788A	Qual=01 Code=00	Tot Cts=162 Exp #=89195	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-642'	Pitch=-642",Yaw=+372"
Event # = 11309 89/05/22,15:33 Start	D0Y=142 Peak	End times	SMM Pointing:	N21W50		Pitch=-105", Yaw	, Yaw=-756", Roll=-20deg	l=-20deg	H.Ang=54deg
•			HaClass=1N Importance=M2 (	N19W49 Oual=02	AR5495	Mac.=EKC	Carr.Lon.≖89deg	=89deg	H.Ang=52deg
15:21:13 15:21	15:23:17 15:32	15:34:48 16:04	8 Peakc/s=218 Qual=03 T CaPeak.c/s=972 Qual= 3 F	Qual=03 Qual= 3	Tot Cts=39306 FePeak=15:31	MaxkeV=144 FePeak.c/s=212		dt= 7.7s	XEN=914204
5:11	10.01	1	reak3c/s=32/ Wavelength=2788A (	Code=01	Exp #=89200	Rast=0"x0" Rast=180"x1"		Cad=3840s Pitch=+29",	3840s/pixel
6:04	16:04	∞	CaPeak.c/s=47 (	Qual= 5	vent # = 22/63 ePeak=16:04	•	•		XFN=914205
6:14	•	<b>s</b>	reaksc/s=58 Wavelength=2788A		Exp #=89201	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+31",	1.024s/pixel Yaw=-575"

89/05/22,16:56 DOY=142 Start Peak 10 60ES	End times   16:55:14   17:03   1	SMM POINTING: N	OCMIN	AR5497		seption of the second			
16:54:39 16:54:54 16:55 16:56 16:45 16:58 16:45 16:58 2,18:27 DOY=142 2,18:27 Peak 18:27 18:27 18:27 18:27 18:16 18:40 18:16 18:40 18:16 18:40		C.033-3:	22E07	1	Mac.=DAI	Carr.Lon.=32ueg		H.Ang≈21deg	
# = 22764 (22,18:27 D0Y=142 Start Peak 18:27 18:27 18:16 18:40 # = 22765 /22,20:11 D0Y=142		Peakc/s=34 0 CaPeak.c/s=39 0 Peak3c/s=70 Wavelength=2788A	Qual=04 Qual=01 T Qual= 1 F	Tot Cts=157 FePeak=16:55 Exp #=89202	MaxkeV=102 FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+32",	XEN=914206 1.024s/pixel ,Yaw=-578"	i
# = 22765 /22,20:11 DOY=142	End times 18:46	CaPeak.c/s=31 ( Peak3c/s=135 Wavelength=2788A	Qual=00 Qual= 5 I	FePeak=18:29 Exp #=89204	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+35",	XEN=914207 1.024s/pixel ,Yaw=-585"	1
Start Peak Optical GOES BCS 20:06 20:11 FCS 20:12	End times 20:17	HaClass=SN CaPeak.c/s=64 Peak3c/s=118 Wavelength=2788A	N22W50 Qual=01 Qual= 1	AR5495 FePeak=20:10 Exp #=89206	Mac.=EKC FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	Carr.Lon.=87deg #Peaks=1 dt= 3 Step=0" Cad=1 Step=0" Pitch	.85 .025 =+38"	H.Ang=54deg XEN=914208 1.024s/pixel Yaw=-593"	
1 2007 10 10	End times 22:06	HaClass=SF CaPeak.c/s=25 Peak3c/s=119 Wavelength=2788A	N16W56 Qual=01 Qual= 4	AR5488 FePeak=21:58 Exp #=89208	Mac.=EKI FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Carr.Lon.=92deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=0" Pitch	=92deg dt= 7.7s Cad=1.02s Pitch=+41"	H.Ang=58deg XEN=914209 1.024s/pixel ,Yaw=-600"	, I
Event # = 11311 89/05/22,23:26 DOY=142 Start Peak GOES HXRBS 23:26:16 23:26:21 UVSP 22:56	End times 23:27:21	SMM Pointing: Peakc/s=96 Wavelength=2788A	N21W53 Qual=00 Qual=01	Tot	Pitch=-91",Yaw=-790",Roll=-20deg MaxkeV=144 Rast=180"x1" Step=0" Pitch=	790", Roll Step=0"	=-20deg H.Ang=57	H.Ang=57deg ,Yaw=-607"	1
Event # = 22767 89/05/23,00:53 DOY=143 Start Peak GOES BCS 00:51 00:53 FCS 00:53	End times	CaPeak.c/s=22 Peak3c/s=623 Wavelength=2788A	89/05/23 Qual=00 Qual= 4	Exp #=89212	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+47",	XEN=914300 1.024s/pixel , Yaw=-614"	1

Particular   Peak   P	Event # = 227 80/06/33 00.5	68	The second secon	The state of the s						
00:59 01:10	Start	y DOT=143 Peak	End							
00:59 01:10 00:59 01:10 00:59 01:10 020:59 01:10 020:59 020:33 02:41 020:50 020:30 020:30 020:41 020:50 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 020:30 03:52 04:03 03:52 04:03 03:45:25 03:40 03:52 04:03 03:40:30 03:40 00:50	ptical OES				N22W52		Mac.=EKI	Carr.Lon.	.=87den	H And=56dea
DOY=143   Havelength=2788A   Exp #=89212   Rast=180"x1"   Step=0" Cad=1.052     DOY=143   End times		00:59	::	CaPeak.c/s=31	Vual=00 Qual= 1		FePeak.c/s=12	#Peaks=]		XFN=014201
Peak	0	oncy(MHz)/		Wavelength=2788A 245/96		Exp #=89212	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"		1.024s/pixel ,Yaw=-614"
02:33 02:41 CaPeak.c/s=5F 0ual=00	/ent # = 227 9/05/23,02:3	DOY=14							,	
02:33 02:41 CaPeak.c/s=45 Qual=1 FePeak=02:33 FePeak.c/s=11 #Peaks=2 dt= 3.8s Rast=0.8vzl. Step=0" Cad=1.02s Cad=1.02s Cad=1.02s Rast=0.8vzl." Step=0" Pitch=+52", Step=0" Pitch=+52", Step=0" Pitch=+52", Step=0" Pitch=+52", Step=0" Pitch=+52", Step=0" Pitch=+52", Step=0" Pitch=+52", Step=0" Pitch=+53", Yaw=-811", Roll=-20deg O3:45:25 03:49:37 Peak.c/s=54 Qual=05	otical SES		<b>⊒</b>	Ha.	\$19E02	AR5497	Mac.≖EKI	Carr. Lon.	=32dea	H.Ann=17deg
Mayelength=2788A   Exp #=89215   Rast=180"x0"   Step=0" Gad=1.05s	.S 02:12 .S	02:33	02:41		Qual= 1	FePeak=02:33	FePeak.c/s=11	#Peaks=2		
DOY=143         SMM Pointing:         N21W56         Pitch=-83", Yaw=-811", Roll=-20deg           Peak         HaClass=SF         S19E03         AR5497         Hac.=EKI         Carr.Lon.=30deg           03:45:25         03:49:37         Japortance=C9         Qual=02         Exp #=89216         Maxkev=144         Flags=SN           DOY=143         End times         SMM Pointing:         N21W56         Pitch=-83", Yaw=-811", Roll=-20deg           DOY=141:20         G5:24         Qual=02         Exp #=89216         Maxkev=102         Pitch=-83", Yaw=-811", Roll=-20deg           DOY=141:20         G5:24         Qual=02         Exp #=89216         Maxkev=102         Pitch=-71", Pak=-71", Pak=-71", Pak=-71", Pak=-811", Roll=-20deg           DOY=141:20         G5:24         Qual=01         Exp #=89218         Rast=243"x243" Step=3"         Pitch=-71", Pak=-71", Pak=-71", Pak=-71", Pak=-811", Roll=-20deg           DOY=14:30         G7:24         Importance=C9         Qual=01         Exp #=89218         Maxkev=102         Flags=SA         Pitch=-78", Yaw=-821", Roll=-20deg           DOY:07:03:6         G7:08:48         Fnat times         Mayelength=1375A         Qual=02         Tot Cts=2643         Maxkev=102         Flags=SA         Pitch=-102", Pak=-102"           DOY:35         G7:40         Importance=C9 <t< td=""><td>/SP 03:04</td><td>}</td><td></td><td></td><td></td><td>Exp #=89215</td><td>Rast=0"x0" Rast=180"x1"</td><td>Step=0" Step=0"</td><td>Cad=1.02s Pitch=+52"</td><td>1.024s/pixel Yaw=-626"</td></t<>	/SP 03:04	}				Exp #=89215	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+52"	1.024s/pixel Yaw=-626"
03:37 04:03  03:45:25 03:49:37    Maxevelate	ent # = 113] /05/23,03:27 Start	DOY=14 Peak	t imp	Pointing	N21W56		Pitch=-83", Yaw=	811", Roll:		H. Ana=59dea
03:45:25 03:49:37 Peakc/s=54 Qual=02 Exp #=89216 Rast=180"x1" Step=0" Pitch=+53", D0V=143 Wavelength=2788A Code=02 Exp #=89216 Rast=180"x1" Step=0" Pitch=+53", D0V=143 End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times SMM Pointing: N21W57 Peak End times Peak End times SMM Pointing: N21W57 Peak End times Peak End times SMM Pointing: N21W57 Peak End times Peak End times SMM Pointing: N21W57 Peak End times Peak End times Phase End times Peak End times Pointing: N21W57 Peak End times Peak End times Phase Phase P	tical ES 03:04	03:27	}	HaClass=SF Importance=C7	\$19E03	AR5497		Carr.Lon.	=30deg	H.Ang=18deg
DOY=143  DOY=143  DOY=143  End times  05:24  Wavelength=2788A  DOY=143  DOY=143  End times  05:24  Wavelength=2788A  DOY=143  DOY=143  End times  DOY=143  DOY=143  End times  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Maxeve=102  Flags=SA  Maxeve=102  Flags=SA  Maxeve=102  Maxeve=102  Flags=SA  Maxeve=102  Maxeve=103  Maxeve=103  Maxeve=103  Maxeve=103  Maxeve=103  Maxeve=103  Maxeve=103  Maxev	RBS 03:45:0 SP 03:34	03:45	03:49:37	Peakc/s=54 Wavelength=2788A	Qual=02 Code=02	Tot Cts=2137 Exp #=89216	MaxkeV=144 Rast=180"x1"	Flags=SN Step=0"	Pitch=+53".	.869-=¥6Y
05:00 05:04 dispersion of the continues of the continues of times and times are continued of the continues of the continue of the continues of the continue of	ent # = 1131 /05/23,05:00 Start	DOY=14	+ 702	SMM	N21W56		Pitch=-83", Yaw=	-811" Roll=	=-20deg	2000 H
04:41:20 04:41:41 Peakc/s=72 Qual=01 Tot Cts=1875 Rast=243"x243" Step=3" Pitch=-71", Exp #=89218 Rast=243"x243" Step=3" Pitch=-71", Buvelength=2788A Rast=243"x243" Step=3" Pitch=-71", Exp #=89218 Rast=243"x243" Step=3" Pitch=-71", Buvelength=2788A Rast=243"x243" Step=3" Pitch=-71", Buvelength=1375A Qual=01 Tot Cts=1043 Rast=70"x70" Step=5" Pitch=-102", Peak Rast=70"x70" Step=5" Pitch=-102", Peak Rast=70"x70" Step=5" Pitch=-102", Peak Rast=243"x243" Step=3" Pitch=-71", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-71", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-710", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buvelength=102", Buve	5 04:41	5:00	05:24	Importance=C9	0.141=02				fano 1	n.Aiig-baueg
DOY=143 Peak End times HaClass=SF S22W08 O7:12 O7:24 Importance=C9 Qual=01 O7:07:36 O7:08:48 Peakc/s=77 Qual=01 DOY=143 End times  Wavelength=1375A Code=00 DOY=143 End times  O7:35 O7:40 Importance=C9 Qual=01 DOY=143 End times  HaClass=SF S19W01 AR5497 Mac.=EKI Carr.Lon.=39deg Maxkev=102 Baxkev=102 Bitch=-78", Yaw=-821", Roll=-20deg Flags=SA Fitch=-102" Flags=SA Fitch=-102" Fitch=-78", Yaw=-821", Roll=-102" Flags=SA Fitch=-102" Flags=SA Flags=SA Fitch=-102" Flags=SA Flags=SA Fitch=-102" Flags=SA	RS 04:39:4 SP 05:20	04:41	04:41:41	Peakc/s=72 Wavelength=2788A	Qual=01	Tot Cts=1875 Exp #=89218	MaxkeV=102 Rast=243"x243"	Step≈3"	Pitch=-71",	Yaw=-808"
07:12 07:24 Importance=C9 qual=01	o5/23,07:12   05/23,07:12   Start	D0Y=14 Peak	End times	SMM Pointing:	N21W57		Pitch=-78",Yaw≖	-821", Roll=		H.Ang=60deg
07:35 07:08:48 Peakc/s=77 Qual=02 Tot Cts=2643 MaxkeV=102 Flags=SA Wavelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102", D0Y=143 SMM Pointing: N2IW57 Peak End times HaClass=SF S19W01 AR5497 Mac.=EKI Carr.Lon.=32deg H 07:35 07:40 Importance=C9 Qual=01 Tot Cts=1064 MaxkeV=102 Rast=70"x70" Step=5" Pitch=-102", Wavelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102",	S 07:06	07:12	07:24	HaClass=SF Importance=C9	\$22408 Qual=01	AR5498	Mac.=EKI	Carr.Lon.=		H. Ang=22deg
DOY=143  Peak End times  HaClass=SF S19W01  O7:35 07:40 Importance=C9 Qual=01  O7:31:34 07:34:24 PeakC/s=49 Qual=01  Wavelength=1375A Code=O0 Exp #=89220 Rast=70"x70" Step=5" Pitch=-102",	65 07:17:18 P 06:56	8 0/:0/:36	07:08:48	Peakc/s=77 Wavelength=1375A	Qual=02 Code=00	Tot Cts=2643 Exp #=89220	MaxkeV=102 Rast=70"x70"	Flags=SA Step=5"	Pitch=-102",	, Yaw=-806"
HaClass=SF	int # = 1131; 05/23,07:35 Start	00Y=14 Peak	times	Pointing:	N21W57		Pitch=-78", Yaw=-	-821", Roll=	-20deg	1. Ang=60deg
//:31:10 U/:31:34 U/:34:24 Peakc/s=49 Qual=01 Tot Cts=1064 MaxkeV=102 J6:56 Wavelength=1375A Code=00 Exp #=89220 Rast=70"x70" Step=5"	77:31	07:35	27:40	HaClass=SF Importance=C9 (	S19W01 Oual=01	AR5497	Mac.=EKI	Carr.Lon.=		i.Ang=17deg
	7:31 96:56	0/:31:34	)7:34:2 <b>4</b>	Peakc/s=49 Wavelength=1375A (	Qual=01 Code=00	Tot Cts=1064 Exp #=89220	MaxkeV=102 Rast=70"x70"		Pitch=-102",	Yaw=-806"

Event # = 22770 89/05/23,12:06 Start GOES BCS 12:01 FCS UVSP 12:22	D0Y=143 Peak 12:06	End times 12:18	CaPeak.c/s=58 Peak3c/s=-1 Wavelength=2788A	Qua]=01 Qual= 1	FePeak=12:02 Exp #=89238	FePeak.c/s=15 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=1.02s Pitch=+68",	XEN=914303 1.024s/pixel ", Yaw=-663"
Event # = 22772 89/05/23,13:04 Start Optical GOES 12:51 BCS 13:02 FCS UVSP 12:50	DOY=143 Peak 13:04 13:03 13:02	End times 13:30 13:35	HaClass=SF Importance=C6 CaPeak.c/s=27 Wavelength=2788A	S17W16 Qual=03 Qual= 5 Code=00	AR5494 FePeak=13:03 Exp #=89239	Mac.=BX0 FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	Carr.Lon.=44deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=0" Pitch	.7s .02s =+68	H.Ang=22deg XEN=914304 1.024s/pixel ",Yaw=-665"
Event # = 22773 89/05/23,14:50 Start Optical GOES 14:35 BCS 14:43 FCS 14:43	DOY=143 Peak 14:50 14:44	End times 15:05 15:15	HaClass=SF Importance=C7 CaPeak.c/s=31 Peak3c/s=-1 Wavelength=2788A	N18W64 Qual=02 Qual= 7 Code=01	AR5488 FePeak=14:44 Exp #=89241	Mac.=EAO FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	Carr.Lon.=91deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=0" Pitch	.7s .02s =+71"	H.Ang=66deg XEN=914305 1.024s/pixel Yaw=-668"
Event # = 22/74 89/05/23,16:10 Start Optical GOES 16:05 BCS 16:08 FCS 15:55	DOY=143 Peak 16:10 16:08	End times 16:15 16:11	HaClass=SF Importance=C4 CaPeak.c/s=18 Wavelength=2788A	\$17W18 Qual=01 Qual= 5 Code=00	AR5494 FePeak=16:10 Exp #=89243	Mac.=BXO FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	Carr.Lon.=44deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=0" Pitch	=44deg dt= 7.7s Cad=1.02s Pitch=+74"	H.Ang=23deg XEN=914306 1.024s/pixel Yaw=-676"
Event # = 22775 89/05/23,17:25 Start GOES 17:20 BCS 17:40 FCS UVSP 17:29	DOY=143 Peak 17:25 17:40	End times 17:30 17:43	Importance=C5 CaPeak.c/s=19 Wavelength=2788A	Qual=05 Qual= 5 Code=02	FePeak=17:40 Exp #=89245	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+76",	XEN=914307 1.024s/pixel ,Yaw=-681"
Event # = 22776 89/05/23,18:30 Start Optical GGES 18:20 BCS 18:18 FCS 18:18	5 D0Y=143 Peak 18:30 18:26	End times 18:35 18:37	HaClass=SF Importance=C5 CaPeak.c/s=128 Wavelength=2788A	N20W65 Qual=05 Qual= 1 Code=00	AR5495 FePeak=18:25 Exp #=89246	Mac.=EKI FePeak.c/s=27 Rast=0"x0" Rast=180"x1"	Carr.Lon.=90deg #Peaks=1 dt= 3 Step=0" Cad=1 Step=0" Pitch	=90deg dt= 3.8s Cad=1.02s Pitch=+77"	H.Ang=67deg XEN=914308 1.024s/pixel ,Yaw=-684"

End times    9:36   CaPeak.c/s=26   Qual=00   Qual=00   Cad=1.     Wavelength=2788A   Exp #=89247   Rast=180"x1"   Step=0" Cad=1.     Cad=1   Wavelength=2788A   Exp #=89247   Rast=180"x1"   Step=0" Cad=1.     Cad=1   Cad=1.0
CaPeak.c/s=26 Qual=00 FePeak=19:26 Wavelength=2788A Exp #=89247  SMM Pointing: N21W64 HaClass=SF S19W04 AR5497 Importance=C8 Qual=03 Tot Cts=2340 Wavelength=2788A Code=00 Exp #=89248  SMM Pointing: N21W66 HaClass=SN S26W34 AR5490 Peakc/s=63 Qual=01 Tot Cts=1712 CaPeak.c/s=21 Qual=01 Tot Cts=1712
Sam Pointing: N21W66  Sam Pointing: N21W64  HaClass=SF S19W04  Importance=C8 Qual=03  Peakc/s=70 Qual=01  Wavelength=2788A Code=00 Exp  Wavelength=2788A Code=01  Sam Pointing: N21W66  HaClass=SN S26W34  Qual=01  Peakc/s=63 Qual=01  Peakc/s=63 Qual=01  Peakc/s=63 Qual=01  Sam Pointing: N21W66
Samm Pointing: HaClass=SF Importance=C8 Peakc/s=70 Wavelength=2788A SMM Pointing: HaClass=SN Peakc/s=63 CaPeak.c/s=21 Wavelength=1375A SMM Pointing:
1 10 1 10 1 10
1 10 1 10 1 10
_ 1013   _ 1013
DOY=143 Peak 19:28 19:28 20:06 20:06 20:01:30 DOY=143 Peak 22:24:01 22:24:01
Event # = 22777 89/05/23,19:28 Start GOES BCS 19:26 FCS 19:01 Event # = 11316 89/05/23,20:06 Optical GOES Event # = 11317 89/05/23,22:26 Event # = 11318 BCS CCS UVSP CCS UVSP Event # = 11318 BCS Event # = 11318 BCS Event # = 11318

Event # = 22780 89/05/24,02:59 Start GOES BCS 02:57 FCS UVSP 02:58	00Y=144 Peak 02:59	End times 03:17	CaPeak.c/s=32 Wavelength=1375A	Qua]=00 Qua]= 4	FePeak=03:01 Exp #=89267	FePeak.c/s=11 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-38",	XEN=914401 1.024s/pixel ", Yaw=-882"
Event # = 22781 89/05/24,03:27 Start GOES BCS 03:24 FCS UVSP 03:18	1 D0Y=144 Peak 03:27	End times 03:54	CaPeak.c/s=31 Peak3c/s=-1 Wavelength=1375A	Qual=00 Qual= 1	FePeak=03:26 Exp #=89271	FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	#Peaks=2 Step=0" Step=5"	dt= 7.7s Cad=3840s Pitch=-55",	XEN=914402 3840s/pixel ', Yaw=-910"
Event # = 11319 89/05/24,05:03 Start GOES HXRBS 05:03:28 UVSP 04:52	9 DOY=144 Peak 8 05:03:34	End times 05:03:45	SMM Pointing: Peakc/s=41 Wavelength=1375A	N21W68 Qual=00 Qual=01	Tot Cts=53 Exp #=89278	Pitch=-46", Yaw=-894", Roll=-20deg MaxkeV=102 Rast=30"x30" Step=5" Pitch=	-894",Roll: Step=5"	=-20deg H.Ang=71d Pitch=-49",Yaw=-899"	H.Ang=71deg Yaw=-899"
Event # = 22782 89/05/24,06:18 0ptical 60ES 06:18 FCS UVSP 06:08	2 D0Y=144 Peak 06:18	End times 06:35	HaClass=SF CaPeak.c/s=50 Wavelength=1375A	N16W73 Qual=05 Qual= 5	AR5486 FePeak=06:18 Exp #=89283	Mac.=CA0 FePeak.c/s=12 Rast=240"x240" Rast=30"x30"	Carr.Lon.=91deg #Peaks=1 dt= 3 Step=15" Cad= Step=5" Pitch	.8s 262s =+43"	H.Ang=74deg XEN=914403 1.024s/pixel , Yaw=-953"
Event # = 22783 89/05/24,06:59 Start GOES BCS 06:47 FCS UVSP 06:41	13 D0Y=144 Peak 06:59	End times 06:59	CaPeak.c/s=47 Peak3c/s=-1 Wavelength=1375A	Qual=00 Qual= 2	FePeak=06:59 Exp #=89287	FePeak.c/s=10 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=3840s Pitch=+34"	XEN=914404 3840s/pixel ,Yaw=-549"
Event # = 11320 89/05/24,07:56 Start Optical GOES 07:52 HXRS 07:53:51 BCS 07:55 FCS	00 00Y=144 Peak 07:56 07:55:01 07:55	End times 07:59 07:56:30 08:04	SMM Pointing: HaClass=SN Importance=C6 Peak(5=90 CaPeak(5=130 Peak3c/s=-1 Wavelength=1375A	N21W72 N25W76 Qual=01 Qual=01 Qual= 5 Code=00	AR5495 Tot Cts=1078 FePeak=07:55 Exp #=89292	Pitch=-842", Yaw=+347", Roll=90deg Mac.=FAI Carr.Lon.=94deg MaxkeV=144 FePeak.c/s=24 #Peaks=1 dt= 3. Rast=240"x240" Step=15" Cad= 2 Rast=10"x10" Step=0" Pitch=	=+347",Roll=90de Carr.Lon.=94deg #Peaks=1 dt= 3 Step=15" Cad= Step=0" Pitch	88 628 -836	H.Ang=74deg H.Ang=78deg XEN=914405 1.024s/pixel ", Yaw=+383"

13.54   14:41	Event # = 1 89/05/24,13 Star	= 11321 1,13:54 DOY=144 Start Deak	4 Fnd times	SMM Pointing:	N21W74		Pitch=-36",Yaw=	, Yaw=-917", Roll:	, Roll=-20deg	H.Ang=75deg
13.49	, [a]				\$21W20	AR5497	Mac.=EKI	Carr.Lon.	=34deg	H.Ang=28deg
Wavelength=2788A Code=01	·~	:45 13:49 14:21	13:50:1 14:23	Peakc/s=82 CaPeak.c/s=131	Qual=02 Qual=01 Qual= 7	Tot Cts=1629 FePeak=13:53	MaxkeV=102 FePeak.c/s=21	#Peaks=1	dt= 3.85	EN=914
14:27 14:37 CaPeak.c/s=37 Qual= 1 FePeak=14:26 Reak.c/s=5 #Peaks=1    Mavelength=2788A	13:	4	1	Wavelength=2788	Code=01		Rast=240"X240" Rast=180"X1"	Step=15" Step=0"	Cad= 262s Pitch=+101	1.024s/pixel ",Yaw=-735"
DOY=144 End times  Havelength=2788A Exp #=89310 Rast=180"xI" Step=5"  DOY=144 End times  19:59 20:05 CaPeak.c/s=34 Qual=05  19:59 20:05 CaPeak.c/s=34 Qual=05  19:59 20:05 CaPeak.c/s=34 Qual=05  21:50 22:37  DOY=144 End times  Mavelength=2788A Exp #=89317 Rast=180"xI" Step=0"  DOY=144 End times  Mavelength=2788A Exp #=89320 Rast=180"xI" Step=0"  DOY=144 End times  22:17:58 22:18:18 Peakc/s=26 Qual=01 Tot Cts=83  Mavelength=2788A Rasource Event # = 11324 Pitch=+381", Yaw=-221", Roll  DOY=144 End times  Mavelength=2788A Rasource Event # = 11324 Pitch=+385", Yaw=-222", Roll  DOY=144 End times  Mavelength=2788A Rasource Event # = 11324 Pitch=+385", Yaw=-222", Roll  Exp #=89320 Rast=180"xI" Step=0"  DOY=144 End times  Mavelength=2788A Rasource Event # = 11324 Pitch=+385", Yaw=-222", Roll  Exp #=89320 Rast=180"xI" Step=0"  DOY=144 End times  Mavelength=2788A Rasource=6 Qual=01 Tot Cts=83 Pitch=+385", Yaw=-222", Roll  Exp #=89320 Rast=180"xI" Step=0"  DOY=144 End times  Mavelength=2788A Rasource=6 Qual=01 Tot Cts=83  MaxkeV=102 Fitch=+385", Yaw=-222", Roll  Exp #=89320 Rast=180"xI" Step=0"  DOY=144 End times  Mavelength=2788A Rasource=6 Qual=01 Tot Cts=83  MaxkeV=102 Fitch=+385", Yaw=-222", Roll  Exp #=89320 Rast=180"xI" Step=0"  Exp #=89320 Rast=180	14:2	5 14:2		aPeak.c/s=37	Qual= 1		FePeak.c/s=5		dt= 7.7s	XEN=914407
DOY=144  Feak  End times    19:50	_	13		à		Exp #=89310	Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=+495 <sup>.</sup>	1.024s/pixel ',Yaw=+28"
19:39	t # 5/24	DOY=14 Peak	End time							
19:59 20:05 CaPeak.c/s=34 Qual= 4 FePeak=20:00 FePeak.c/s=10 #Peaks=1 Step=0"	ai 19:2	4 19:3	3	HaClass=SF Importance=C7	N20E77 Oual=05	AR5506	Mac.=HAX	Carr.Lon.	=294deg	H.Ang≕78deg
DOY=144 End times Mayelength=2788A Exp #=89317 Rast=180"x1" Step=0"	19:5	8 19:5	0.	CaPeak.c/s=34	Qual= 4	FePeak=20:00	FePeak.c/s=10		dt= 7.7s	EN=914
DOY=144 End times   SIGH Pointing: SIGH21   Pitch=+381", Yaw=-211", Roll    21:38:24		9		Wavelength≈2788A			Rast=U"XU" Rast=180"x1"		Cad=1.02s Pitch=+510"	1.024s/pixel ',Yaw=-12"
21:33	ent /05/	DOY=14 Peak	Fnd time	SME	S19W21		Pitch=+381", Yaw	=-211", Roll	]=-20deg	H.Ang=27deg
DOY=144	10	21:50 21:38:2	22:37 4 21:53:36		Qua]=01 Qua]=11	Tot Cts=83842 Exp #=89320	MaxkeV=321 Rast=180"x1"	Flags=M5,[ Step=0"	DG Pitch=+262",Yaw=	, Yaw=-31"
Peak End times HaClass=SF N32W38 AR5498 Carr.Lon.=  22:17:58 22:18:18 Peakc/s=129 Qual=01 Tot Cts=827 MaxkeV=102 Wavelength=2788A Exp #=89320 Rast=180"x1" Step=0"  22:23:18 22:23:21 Peakc/s=50 Qual=01 Tot Cts=83 MaxkeV=102  22:23:18 22:23:21 Peakc/s=50 Qual=01 Tot Cts=83 MaxkeV=102  D0Y=144 SMM Pointing: S19W22 Peak  HaClass=SF N16W18 AR5495 Mac.=FAI Carr.Lon.=  23:24 23:26 Importance=C6 Qual=01 Tot Cts=449 MaxkeV=102 Flags=I Wavelength=1375A Code=00 Exp #=89322 Rast=70"x70" Step=5"	vent 9/05/2	123 7 DOY	-	- 1	S19W21		Pitch=+381", Yaw	=-211", Roll	=-20deq	H.Ana=27dea
22:17:58 22:18:18 Peakc/s=129 Qual=01 Tot Cts=827 MaxkeV=102 Wavelength=27884 Exp #=89320 Rast=180"x1" Step=0"  22:23:18 22:23:21 Peakc/s=50 Qual=01 Tot Cts=83 MaxkeV=102 y(MHz)/Flux(sfu): 245/360  23:24 End times HaClass=SF N16W18 AR5495 Mac.=FAI Carr.Lon.= Mavelength=1375A Code=00 Exp #=89322 Rast=70"x70" Step=5"  Qual=01 Tot Cts=84 MaxkeV=102 Pitch=+385", Yaw=-222", Roll Peakc/s=84 Qual=01 Tot Cts=449 MaxkeV=102 Wavelength=1375A Code=00 Exp #=89322 Rast=70"x70" Step=5"	-	r e	End time	:	N32W38	AR5498		Carr.Lon.=	.48deg	H.Ang=49deg
22:23:18 22:23:21    Peakc/s=50    Qual=01    Tot Cts=83    MaxkeV=102		7:35 22:17:5 8	90	Peakc/s=129 Wavelength=2788	Qual=00 Qual=01	Tot C Exp *	MaxkeV=102 Rast=180"x1"	Step=0"	=+262"	, Yaw=-31"
DOY=144 SMM Pointing: S19W22 Pitch=+385", Yaw=-222", Roll Peak End times HaClass=SF N16W18 AR5495 Mac.=FAI Carr.Lon.= 23:24 23:26 Importance=C6 Qual=01 23:23:11 23:23:20 Peakc/s=84 Qual=01 Tot Cts=449 MaxkeV=102 Flags=I Wavelength=1375A Code=O0 Exp #=89322 Rast=70"x70" Step=5" y(MHz)/Flux(sfu): 410/150		3:09 22:23:1 quency (MHz)/		eakc/s=50 245/360	Ssociated Qual=01	Event Tot C			1 † 1	1 1 1 1 1
23:24	Event # = I; 89/05/24,23: Start	D0Y=14 Peak	End time	Pointing	S19W22		Pitch=+385", Yaw	=-222", Roll		H.Ang=28deg
<pre>5 23:22:43 23:23:11 23:23:20 Peakc/s=84 Qual=01 Tot Cts=449 MaxkeV=102 Flags=I 23:11 Wavelength=1375A Code=00 Exp #=89322 Rast=70"x70" Step=5" &gt;&gt; Frequency(MHz)/Flux(sfu): 410/150</pre>	Optical GOES 23:21	1 23:24		Class=SF ortance=C6	N16W18 Oual=01	AR5495	Mac.=FAI	Carr.Lon.=		H.Ang=25deg
	. 23 . 23	2:43 23:23:1. 1 quency(MHz)/1	1 23:23:20 Flux(sfu):	:c/s=84 length=1375A 150	Qual=01 Code=00	Tot Cts=449 Exp #=89322	MaxkeV=102 Rast=70"x70"	Flags=I Step=5"	Pitch=+349",Yaw=-231	, Үам=-231"

				89/05/25	D0Y=145				
Event # = 22786 89/05/25,00:42	D0Y=145	1			i				
Start Optical	Реак	End tilles	HaClass=SF	S19W28	AR5497	Mac.=FAI	Carr.Lon.=36deg		H.Ang=33aeg
60ES 00:37 BCS 00:37 FCS	00:42	69:00	CaPeak.c/s=60 (	Qual=00 Qual= 1 1	FePeak=00:41 Exp #=89325	FePeak.c/s=19 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=+413",	xEN=914500 1.024s/pixel ',Yaw=-298"
UVSP 00:41									
Event # = 12220 89/05/25,01:28	DOY=145	End times	SMM Pointing:	S19W23		Pitch=+389",Yaw=	, Yaw=-233", Rol	,Roll=-20deg	H.Ang=29deg
GOES HXRBS 01:27:40 UVSP 01:14 Radio Frequen	01:28:07 cy (MHz)/F	01:27:40 01:28:07 01:28:40 01:14 Frequency (MHz)/Flux(sfu):	Peakc/s=129 Wavelength=1375A 410/140	Qual=00 Qual=01	Tot Cts=1390 Exp #=89329	MaxkeV=144 Rast=30"x30"	Flags=I Step=5"	Pitch=+405",	', Yaw=-337"
Event # = 22787 89/05/25,04:21 Start	D0Y=145 Peak	End times	HaClass=SF	N33W43	AR5498	Mac.=CS0	Carr.Lon.=49deg	=49deg	H.Ang=53deg
60ES BCS 04:20	04:21	04:39	Peak.c/s=23	Qual=00 Qual= 4	FePeak=04:20	FePeak.c/s=6 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=914501 1.024s/pixel " yaw=-319"
UVSP 04:20			Wavelength=1375A		Exp #=89343	Kast=30 x30	Scelen	בור בוריון	and the second
Event # = 22788 89/05/25,05:35 Start Optical Optical	) 00Y=145 Peak	End times	HaClass=SF HaClass=SF	\$18E62 \$21W30	AR5505 AR5497	Mac.=CKO	Carr.Lon.=304deg Carr.Lon.=36deg		H.Ang=63deg H.Ang≈35deg
GOES BCS 05:28 FCS 05:19	05:35	90:90	CaPeak.c/s=249 Wavelength=1375A	Qual= 1	FePeak=05:34 Exp #=89346	FePeak.c/s=56 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+426	XEN=914502 1.024s/pixel ", Yaw=-332"
Event # = 22789 89/05/25,07:21 60ES BCS FCS UVSP 07:20	9 D0Y=145 Peak 07:21	End times 07:23	CaPeak.c/s=19 Wavelength=1375A	Qual=00 Qual= 4	FePeak=07:21 Exp #=89357	FePeak.c/s=5 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+437",	XEN=914503 1.024s/pixel ", Yaw=-336"
Event # = 11325 89/05/25,10:42 Start	5 D0Y=145 Peak	End times		S19W28		Pitch=+415", Yav	, Yaw=-303", Roll=-20deg	11=-20deg =32dea	H.Ang=33deg H.Ang=33deg
Optical GOES 10:36 HXRBS 10:37:42 BCS 10:37	10:42 2 10:40:43 10:41	10:48 13 10:42:01 10:50		\$19W29 Qual=01 Qual=01 Qual= 1	AK549/ Tot Cts=6320 FePeak=10:40	MaxkeV=144 FePeak.c/s=149 Rast=240"x240"		dt= 3.8s X Cad= 262s 1	XEN=914504 1.024s/pixel
rcs UVSP 09:58 Radio Freque	ncy (MHz),	09:58 Frequency(MHz)/Flux(sfu):	Wavelength=2788A Code=00 4995/61 8800/94 15400/88	4 Code=00 15400/88	Exp #=89369	Rast=243"x243"			2007

Ven+ # = 257	90								
9/05/25,13:01 Start	1 00Y=145 Peak	End time	ν.						
40ES BCS 13:00 FCS	13:01	13:32	CaPeak.c/s=36	Qua]=00 Qua]= 2	FePeak=13:01	FePeak.c/s=11		dt= 7.7s	XEN=914505
ŠP 12:47			Wavelength=2788A		Exp #=89372	Rast=0"x0" Rast=180"x1"		Cad=1.02s 1 Pitch=+418",	1.024s/pixel ",Yaw=-320"
Event # = 11326 89/05/25,15:59 Start	26 9 DOY=145 Peak	End times		S19W31		Pitch=+428", Yaw	, Yaw≖-333", Rol	, Roll=-20deg	H.Ang=35deg
15:19	15:59	16:	HaClass=1B Importance=M2	S19W31 Oual=02	AR5497	Mac.=FAI	Carr.Lon.=31deg	=31deg	H.Ang=35deg
HAKBS 15:19:51 BCS 15:21 FCS	1 15:21:41 15:24	.1 15:24:16 15:28	Peakc/s=249 CaPeak.c/s=185	Qual=01 Qual= 1	Tot Cts=14855 FePeak=15:23	MaxkeV=187 FePeak.c/s=52	#Peaks=1	dt= 3.8s	XFN=914506
UVSP 16:07 Radio Sweeps Radio Fregue	Type/	Intensity:	Wavelength=1375A V/2	Code=02	Exp #=89386	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s 1 Pitch=+439",	1.024s/pixel ', Yaw=-329"
•		16:04 16:05 17:01	245/1/00 410/94 	4 Associated Qual= 5	Event # = 22791 FePeak=16:05	FePeak.c/s=82 Rast=240"x240"		dt= 3.8s Cad= 262s	XEN=914507 1.024
Event # = 22792 89/05/25.17:39	2 DOY=145								
Optical Start	Peak	End times	Code=LPS	\$20M32	AR5497	Mac.=FAI	Carr, Ion.=31den	3.1dea	H Anga 26dog
17:38	17:39	17:54	CaPeak.c/s=31	Qual=00 Qual= 5	FePeak=17:38	Febrak C/s=8	#Dealc=1	,	were sound
P 17:42			Wavelength≖1375A			Rast=0"x0" Rast=265"x265"		Cad=1.02s 1 Pitch=+443".	.Yaw=-340" 
Event # = 11327 89/05/25,22:18 Start	7 D0Y=145 Peak	End times	SMM Pointing:	S19W35		Pitch=+447", Yaw=-385", Roll=-20deg	385", Roll	!	H.Ang=38deg
G0ES HXRBS 22:17:53 UVSP 22:03	3 22:18:20	22:18:53	Peakc/s=53 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=443 Exp #=89410	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+326".Yaw=-197	Yaw=-197"
Event # = 22793 89/05/25,22:41 Start	3 D0Y=145 Peak	End times							
GOES BCS 22:40 FCS	22:41	22:44	CaPeak.c/s=33 (	Qual=00 Qual= 1	FePeak=22:41			t= 7.7s )	(FN=914500
23:03			Wavelength=2788A		Exp #=89411	Rast=0"x0" Rast=180"x1"	Step=0" (Step=0" P	Cad=1.02s 1 Pitch=+329"	1.024s/pixel ".Yaw=-203"
Event # = 11328 89/05/25,22:57 Start	DOY=145	+	SMM Pointing:	S19W35		Pitch=+447", Yaw=	1 '	. Roll=-20dea H	H. And=38ded
Optical 22:54	22:57	22:59	HaClass=SF	S20E53	AR5505	Mac. = CK0	Carr. Lon. =303deg	n	H.Ang=55deg
\$ 22:55:26 23:03	22:55:47	22:56:03	Peakc/s=62 Wavelength=2788A	ual=01	Tot Cts=320 P Exp #=89411 F	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=+329",	, Yaw=-203"

				89/05/26	D0Y=146				
Event # = 22794 89/05/26,04:45 Start GOES BCS 04:41 FCS 04:33	DOY=146 Peak O4:45	End times 05:13	CaPeak.c/s=31 Wavelength=1375A	Qual=00 Qual= 1	FePeak=04:42 Exp #=89419	FePeak.c/s=11 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+482",	XEN=914600 1.024s/pixel ", Yaw=-492"
Event # = 22795 89/05/26,05:23 80ES 8CS 75 10VSP 06:03	DOY=146 Peak 05:23	End times 05:23	CaPeak.c/s=19 Wavelength=1375A	Qual=00 Qual= 2	FePeak=05:23 Exp #=89420	FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=.26s Pitch=+474"	XEN=914601 0.256s/pixel ", Yaw=-420"
Event # = 11329 89/05/26,08:30 Start GOES 08:24 HXRBS 08:25:13 UVSP 08:20	DOY=146 Peak 08:30 08:25:29	End times 08:33 08:26:07	SMM Pointing: Importance=C3 Peakc/s=48 Wavelength=1375A	\$19W40 Qual=03 Qual=01 Code=00	Tot Cts=321 Exp #=89430	Pitch=+472", Yaw=-446", Roll=-20deg MaxkeV=102 Rast=10"x10" Step=0" Pitch=+	=-446", Rol' Step=0"	]=-20deg H.Ang=43de Pitch=+501",Yaw=-426"	H.Ang=43deg ', Yaw=-426"
Event # = 11330 89/05/26,16:06 [6 Start 60ES HXRBS 16:06:46 UVSP 16:06 Radio Sweeps		DOY=146 Peak End times 16:06:48 16:07:11 Type/Intensity:	SMM Pointing: Peakc/s=42 Wavelength=2788A	\$19W44 Qual=00 Qual=01	Tot Cts=93 Exp #=89447	Pitch=+490", Yaw=-488", Roll=-20deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=+	=-488",Rol	]=-20deg Pitch=+370'	=-20deg H.Ang=47deg Pitch=+370",Yaw=-306"
Event # = 22796 89/05/26,18:56 Start Optical GOES 18:48 ECS 18:48 FCS 19:12	5 D0Y=146 Peak 18:56 18:55	End times 19:03 19:19	HaClass=SF Importance=C4 CaPeak.c/s=133 Wavelength=2788A	\$19W51 Qual=03 Qual= 1	AR5497 FePeak=18:55 Exp #=89451	Mac.=FKI FePeak.c/s=21 Rast=180"x180" Rast=180"x1"	Carr.Lon.=36deg #Peaks=1 dt= 3 Step=10" Cad= Step=0" Pitch	=36deg dt= 3.8s Cad= 332s Pitch=+377	H.Ang=53deg XEN=914602 1.024s/pixe1 ",Yaw=-323"
Event # = 22797 89/05/26,20:57 Start Optical 60ES 20:47 BCS 20:47 FCS	7 D0Y=146 Peak 20:57 20:51	End times 21:06 20:52	HaClass=SN Importance=C4 CaPeak.c/s=74 Wavelength=2788A	\$19W45 Qual=02 Qual= 2 Code=00	AR5497 FePeak=20:51 Exp #=89453	Mac.=FKI FePeak.c/s=17 Rast=240"x240" Rast=180"x1"	Carr.Lon.=29deg #Peaks=1 dt= 3 Step=15" Cad= Step=0" Pitch	.=29deg H dt= 3.8s X Cad= 262s 1 Pitch=+380",	H.Ang=48deg XEN=914603 1.024s/pixel ''', Yaw=-332"

Start	o DUT=140 Peak	End times	SMM Pointing:	S19W46		Pitch=+497", Ya	, Yaw≖-508", Ro	, Roll=-20deg	H.Ang=49deg
GOES HXRBS 21:27:0 UVSP 21:20 Radio Sweeps	7 21:2 Ty	8:06 21:31:58 pe/Intensity:	Peakc/s=65 Wavelength=2788A III/1	Qual=00 Qual=01	Tot Cts=4164 Exp #=89454	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=+381"	l", Yaw=-335"
<pre>vent # = 22798 19/05/26,22:47 54art</pre>	98 7 DOY=146 Peak								
tical ES 22:24	22:47	.33	HaClass=SN	\$19W47	AR5497	Mac.=FKI	Carr.Lon.	.=30deg	H.Ang=49deg
\$ 22:10	22:25 22:18	22:25	CaPeak.c/s=87	Qual= 2	FePeak=22:25	Febeak.c/s=22			XEN=914604
UVSP 22:52 Radio Sweeps	Type/l	nsity:	redx3/  5-2002   Wavelength=2788A   III/1	Code=02	Exp #=89456	Kast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+385"	1.024s/pixel ",Yaw=-343"
BCS 23:02 FCS	3:0	: 44:	CaPeak.c/s=443 (Peak3.c/s=8249	ssociated Qual= 5	Event # = 22799 FePeak=23:02	FePeak.c/s=27 Rast=240"x240"	#Peaks=1 Sten=15"	dt= 3.8s	XEN=914605
BCS 23:44	23:44	:50	A: CaPeak.c/s=21	Associated Qual= 5	Event # = 22800 FePeak=23:46	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XFN=914606
sP 23:50			₩avelength=2788A		Exp #=89457	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+387"	1.024s/pixel ", Yaw=-348"
			The same of the sa	89/05/27	7 DOY=147				
.vent # = 22801 19/05/27,05:38 Start ptical	)1   D0Y=147   Peak	End times	HaClass=SF	\$21W50	_	Mac.=FKI	Carr.Lon.	=29dea	H. Ano=5.3dea
GUES BCS 05:37	05:38	05:43	CaPeak.c/s=23	Qua]=01 Qua]= 4	FePeak=05:37	FePeak.c/s=7			XFN=014700
P 05:37			Wavelength=1375A		Exp #=89473	Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+543",	1.024s/pixel ", Yaw=-605"
Event # = 22802 89/05/27,05:51 Start	2 D0Y=147 Peak	End times							
60ES 05:47 BCS 05:49	05:51 05:51	05:53 05:53	HaClass=SF Importance=C2 CaPeak.c/s=41	\$21 <b>\</b> 50 Qual=01 Qual= 1	AR5497 FePeak=05:51	Mac.=FKI FePeak.c/s=9	Carr.Lon.=29deg #Peaks=1 dt= 3	=29deg dt= 3.8s	H.Ang=53deg XFN=914701
P 05:37 io Sweeps	Type/Intens	ity:	Wavelength=1375A III/1	Code=00	Exp #=89473	Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+543",	1.024s/pixel ', Yaw=-605"
0866 - # +0				89/02/28	3 DOY=148				No.
5/28 :a1	) D0Y=148 Peak	End times	3/= 38 [J	C20U71	A05.40.7	,	-	7	
GOES 10:53 BCS 11:03	11:07 11:07	11:21 11:16	Importance=C2 (CaPeak.c/s=58 (	0ua]=04 Qua]=04 Qua]= 1	07			=34deg dt= 3.8s	H.Ang=72deg XEN=914800
P 10:40		.*	Wavelength=2788A (	Code≈00	Exp #=89550	Rast=240"x240" Rast=243"x243"	Step=15" Sten=3"	Cad= 262s 1	1.024s/pixel

Event # = 11332 89/05/28,12:28	332 28 DOY=148		SMM Pointing:	S19W70		Pitch=+572", Yaw	, Yaw=-690", Roll=-20deg	=-20deg	H.Ang≖7ldeg
Start Optical Optical	Peak	End times		S19W75 S18W18	AR5497 AR5497	Mac.=FKI	Carr.Lon.=37deg Carr.Lon.=340deg	37deg 340deg	H.Ang≈75deg H.Ang=24deg
GOES 12:17 HXRBS 12:34:40 BCS 12:36	12:28 :40 12:34:48 12:37	13:15 12:37:36 12:47	34	Qual=05 Qual=01 Qual= 5	Tot Cts=26354 FePeak=12:37	MaxkeV=187 FePeak.c/s=504 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s X  Cad= 262s 1	XEN=914801 1.024s/pixel
FCS UVSP 12:00			/elength=278≀	+		Rast=180"x1"	Step=0"	Pitch=+451'	',Yaw=-505"
12:47	12:47	12:51	CaPeak.c/s=62	Associated Qual= 5	FePeak=12:47	FePeak.c/	.s=1	: 7.7s  = 332s	XEN=914802 1.024s/pixel
FCS UVSP 12:56			Wavelength≈2788A		Exp #=89552	Rast=180"x1"		Pitch=+452	', Yaw=-508"
Event # = 22805 89/05/28,15:30 Start	805 30 D0Y=148 Peak	End times	HaClass=SF	S16W04	AR5510	Mac.=HRX	Carr.Lon.=324deg	=324deg	H.Ang=15deg
60ES BCS 15:30	15:30	15:37	CaPeak.c/s=23	Qual=00 Qual= 4	FePeak=15:30	FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=914803 1.024s/pixel
FCS UVSP 15:04			Wavelength=2788A		Exp #=89555	Rast=180"x1"	i	Pitch=+455	", Yaw=-513"
Event # = 22806 89/05/28,15:44 Start	.806 44 DOY=148 Peak	End times	HaClass=SF	S16W04	AR5510	Mac.=HRX	Carr.Lon.=324deg	=324deg	H.Ang=15deg
GOES BCS 15:41	15:44	15:57	_ e	Qual=00 Qual= 1	FePeak=15:44	FePeak.c/s=10	#Peaks=1	dt= 7.7s X	XEN=914804
FCS UVSP 16:02			₩avelength=2788A		Exp #=89556	Rast=180"x1"	Step=0"	Pitch=+457	", Yaw=-515"
Event # = 11333 89/05/28,15:58	1333 58 DOY=148		SMM Pointing:	S19W72		Pitch=+577", Yaw=-700", Roll=-20deg	v=-700", Ro1	1=-20deg	H.Ang=73deg
~=		End times	HaClass=SF	N20E20	AR5506	Mac.=CAO	Carr.Lon.=300deg	=300deg	H.Ang=29deg
GÓES 15:55 HXRBS 15:55: UVSP 16:02	5 15:58 5:40 15:56:05 2	16:00 5 15:56:39	Importance=C2 Peakc/s=102 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=715 Exp #=89556	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+457	Pitch=+457", Yaw=-515"
Event # = 22807 89/05/28,21:39 Start	2807 :39 DOY=148 t Peak	End times		00=fe110					
GOES BCS 21:37	7 21:39	21:43	CaPeak.c/s=32	Qual= 4	FePeak=21:37	FePeak.c/s=10 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Xi Cad=1.02s 1	XEN=914805 1.024s/pixel
FCS UVSP 21:16	9		Wavelength=2788A	_	Exp #=89563	Rast=180"x1"		Pitch=+46	.",Yaw≖-526"

Event 89/05/	Event # = 11334 89/05/28,22:15 Start	D0Y=148 Peak	End times	SMM Pointing:	S19W75		Pitch=+581", Yaw=-710", Roll=-20deg	IW=-710", Ro	11=-20deg	H.Ang=75deg
Optica GOES	1] 22:04	22:15	22:44	HaClass=1N Importance=M1	N21E19 Oual=03	AR5506	Mac.=CA0	Carr.Lon.=298deg	.=298deg	H.Ang=29deg
HXRBS BCS FCS	22:05:43 22:11	22:07:10 22:14	m	Peakc/s=167 CaPeak.c/s=65	Qual=01 Qual= 1	Tot Cts=17646 FePeak=22:12	MaxkeV=144 FePeak.c/s=20			XEN=914806
UVSP Radio S Radio	22:13 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/1	intensity: :lux(sfu):	Wavelength=2788A Code=00 III/3 245/70 606/67 2695/95	Code=00 95/95	Exp #=89564	Rast=240"X240" Rast=180"X1"	Step=15" Step=0"	Cad= 262s   Pitch=+462",	1.024s/pixel ',Yaw=-528"
Event 89/05/	Event # = 11335 89/05/28,23:03 Start	00Y=148 Peak	End times	<b>≥</b>	S19W75		Pitch=+581", Ya	, Yaw=-710", Roll=-20deg	]=-20deg	H.Ang≖75deg
Optica GOES	27.5	23:03	23:09	HaClass=SF Importance=C8	\$17¥74 Qua]=04	AR5497	Mac.=FKI	Carr.Lon.=30deg	=30deg	H.Ang=74deg
BCS PCS PCS	22:58 22:58	23:02:01 23:02	23:45	Peakc/s=60 CaPeak.c/s=289	Qua]=02 Qua]= 1	Tot Cts=3140 FePeak=23:02	MaxkeV=102 FePeak.c/s=73		dt= 3.8s	XEN=914807
UVSP Radio Sw Radio	22:48 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Type/I cy(MHz)/F	ntensity: lux(sfu):	Wavelength=2788A 11/2 245/67 15400/67	Code=00	Exp #=89565	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=+462",	1.024s/pixel ',Yaw=-529"
					89/05/29	9 D0Y=149				
Event 89/05/;	Event # = 22808 89/05/29,00:37 Start	D0Y=149 Peak	End times							
805 200 200 200 200 200 200 200 200 200 2	00:31	00:37	01:27	CaPeak.c/s=98	Qual=00 Qual= 4	FePeak=00:32	FePeak.c/s=24		dt= 3.8s	XEN≖914900
UVSP	00:22			₩avelength=2788A		Exp #=89567	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+464",	1.024s/pixel ",Yaw=-532"
Event 89/05/2	Event # = 22809 89/05/29,02:24 Start	DOY=149 Peak	End times							
BCS.	02:22	02:24	02:32	CaPeak.c/s=46	Qua!=00 Qua]= 1	FePeak=02:23	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=914901
UVSP	02:52			Wavelength=2788A		Exp #=89570	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+466",	1.024s/pixel ",Yaw=-536"
Event # = 113 89/05/29,02:5 Start	36 4	D0Y=149 Peak	End times	SMM Pointing:	S19W78		Pitch=+586", Yaw=-720", Roll=-20deg	r720", Rol		H.Ang=78deg
Optical GOES (		02:54			N22E15 Oual=01	AR5506	Mac.=DKO	Carr.Lon.=299deg		H.Ang=27deg
HXRBS UVSP	)2:47:36 )2:52	02:51:52	02:54:12	Peakc/s=249 Wavelength=2788A		Tot Cts=10893 Exp #=89570	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+466",Yaw≖-536	, Yaw=-536"

Event # = 11337 89/05/29 03:34	D0Y=149	SMM Pointing:	S19W78		Pitch=+586", Yaw	, Yaw=-720", Roll	Roll=-20deg	H.Ang=78deg
Optical	Peak End times	HaClass=1N	S18W77_	AR5497	Mac.≖FKI	Carr.Lon.=31deg	31deg	H.Ang≖77deg
GGES 03:27 HXRBS 03:41:59 UVSP 03:41 Radio Sweeps Radio Frequer	03:27 03:34 04:27 5 03:41:59 03:50:16 03:52:35 03:41 Type/Intensity: 5 Sweeps Type/Intensity: 5 Frequency(MHz)/Flux(sfu):	mportance=M2 eakc/s=153 avelength=1375A 11/3 V/3 45/430 410/120	Jual=05 Jual=02 Jual=02 Jual=02 115/100	Tot Cts=8398 Exp #=89571 2695/65	MaxkeV=187 Rast=265"x265"	Flags=M5,S Step=5"	Flags=M5,SA Step=5" Pitch=+594"	, Үам=-709"
Event # = 11338 89/05/29,04:33	D0Y=149	SMM Pointing:	S19W78		Pitch=+586", Yaw	, Yaw=-720", Roll	, Roll=-20deg	H.Ang=78deg
Start Optical Optical	Peak	HaClass=1F HaClass=SF	\$17W76 \$21W77	AR5497 AR5497	Mac.=FKI	Carr.Lon.=29deg Carr.Lon.=30deg		H.Ang=76deg H.Ang=78deg
GOES 04:29 HXRBS 04:16:19 BCS 03:44	04:33 05:59 9 04:28:11 04:33:03 04:30 04:33	Importance=M3 Peakc/s=168 CaPeak.c/s=1793	Qual=02 Qual=13 Qual= 2	Tot Cts=25311 FePeak=04:30	MaxkeV=102 FePeak.c/s=503	Flags=EN,   #Peaks=2 Sten=10"	= 7.7s d= 332s	XEN=914902 1.024s/pixel
FCS UVSP 05:13 Radio Sweeps	Type/Intensity:	elength=1375 2			Rast=265"x265"	Step=5"	tch=+595	, Yaw=-711"
05:21 05:17	05:21 06:04	eak.c/s=362 elength=137	Associated Qual= 5 5A	Event # = 22810 FePeak=05:21 Exp #=89574	FePeak.c/s=14 Rast=180"x180" Rast=110"x200"	#Peaks=1 Step=10" Step=5"	dt= 3.8s X Cad= 332s 1 Pitch=+572",	xEN=914903 1.024s/pixel ",Yaw=-739"
Event # = 22811 89/05/29,07:02 Start GOES	DOY=149 Peak End times	Cabay / Acade	Qual=00	FePeak=07:01	FePeak.c/s=8		dt= 7.7s	XEN=914904
FCS 07:01 UVSP 06:49	70.	elength=1		Exp #=89581	Rast=0"x0" Rast=110"x200"	Step=0 Step=5	Cad=1.02s 1 Pitch=+583",	1.024s/pixel ", Yaw=-741"
Event # = 11339 89/05/29,07:12 Start	9 DOY=149 Peak End times	SMM Pointing:	S19W78		Pitch=+586", Ya	, Yaw=-720", Roll=-20deg	]=-20deg	H.Ang=78deg
GOES HXRBS 07:12:0 UVSP 07:07 Radio Sweeps Radio Freque	S 07:12:05 07:12:57 07:13:10 07:07 o Sweeps Type/Intensity: o Frequency(MHz)/Flux(sfu):	Peakc/s=142 Wavelength=1375A III/3 245/74	Qual=01	Tot Cts=1911 Exp #=89583	MaxkeV=187 Rast=110"x200"	Step=5"	Pitch=+608	Pitch=+608", Yaw=-742"
Event # = 1134 89/05/29,07:19	D0Y=149	SMM Pointing:	S19W78	The state of the s	Pitch=+586", Ya	, Yaw=-720", Rol	, Roll=-20deg	H.Ang=78deg
Start GOES 07:16 HXRBS 07:17:09 BCS 07:17 FCS	Peak End Limes 07:19 9 07:17:25 07:18:16 07:18 07:22	Imp Pea CaP		Tot Cts=277 FePeak=07:18	MaxkeV=102 FePeak.c/s=12 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s X Cad= 262s 1	XEN=914905 1.024s/pixe1
UVSP 07:07		Wavelength=1375A	Code=00	Exp #=89583	Kast=110"x200"		F1 CCII=+000	7+/MDI'

07:33:28 07:37:08 Peakc/s=68 Qual=00 Tot Cts=653 Raxt=10ff*260 Step=16" Cad=2652 Peak.c/s=124 Qual=01 FePeak=07:37 FePeak.c/s=124 Qual=01 FePeak=07:37 FePeak.c/s=3 FePeak.c/s=13 FePeak.c/s=13 FePeak.c/s=3 FePeak.c/s=3 FePeak.c/s=13 FePeak.c/s=3 FePeak.c/s=3 FePeak.c/s=13 FePeak.c/s=3 FePeak.c/s=3 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*262 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=10ff*260 FePeak.c/s=2622 FePeak.c/s=2622 FePeak.c/s=2622 FePeak.c/s=2622 FePeak.c/s=26222 FePeak.c/s=2622 FePeak.c/s=2622 FePeak.c/s=2622 FePeak.c/s=	Event 89/05/	Event # = 11341 89/05/29,07:37 Start	1 DOY=149 Peak	End times	SMM Pointing:	S19W78		Pitch=+586", Yaw=-720",	w=-720", Ro	, Roll=-20deg	H.Ang=78deg
DOY=149   Peak   End times	GOES HXRBS BCS FCS	07:36:0 <sup>,</sup> 07:37	4 07:36:28 07:37	07:3	Peakc/s=68 CaPeak.c/s=12	Qual=00 Qual=01 Qual= 1	Tot Cts=653 FePeak=07:37	MaxkeV=144 FePeak.c/s=33			XEN=914906
DOY=149 Peak  08:43 08:45 CaPeak.c/s=22 Qual=01  08:43 08:45 CaPeak.c/s=22 Qual=01  08:43 08:45 CaPeak.c/s=22 Qual=01  09:00  00:00  00:01  00:01  00:01  00:01  00:01  00:01  00:01  00:01  00:02  00:02  00:02  00:02  00:02  00:02  00:03  00:03  00:04  00:04  00:05  00	UVSP	07:26			Wavelength≕1375A			Rast=240"x240" Rast=110"x200"			1.024s/pixel ",Yaw=-742"
08:43 08:45 CaPeak.c/s=22	Event 89/05/ Optica	# = 2281; 29,08:43 Start	2 D0Y=149 Peak		Ha.	N23E10	AR5506	Mac.=DK0	Carr.Lon	.=301dea	H. Ana=26dea
DOY=149  DOY	BCS 2	08:43	4:	08:45	eak.c/s=2	Qua]=01 Qual= 1	FePeak=08:43	FePeak.c/s=9	#Peaks=1		XEN=914907
DOY=149 Peak 1	UVSP	08:37			₩avelength=1375A		Exp #=89591	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"		1.024s/pixel ",Yaw=-320"
DOY=149 Peak HaClass=SF S23W90 AR5497 MAC.=FKI Carr.Lon.=38deg HaClass=SF S23W90 AR5497 MAC.=FKI Carr.Lon.=38deg HaClass=SF S23W90 AR5497 MAC.=FKI Carr.Lon.=38deg HaClass=SF S23W90 AR5497 MAC.=FKI Carr.Lon.=38deg Gual=0 HaClass=SF S23W90 AR5497 MAC.=FKI Carr.Lon.=38deg Cad=332s Wavelength=2788A Exp #=89600 Rast=180"x10" Step=0" Peak HaClass=SF S23W90 AR5497 Mac.=FKI Carr.Lon.=38deg HaClass=SF S23W90 AR5497 AR5497 AR5497 AR5497 AR5.=180"x1" Step=0" Step=0" Step=0" Pitch=+472" Ad=32s Ad=262s Ad	60ES 80/05/ 60ES 8CS 8CS	# = 22813 29,09:08 Start 08:59 09:00	3 DOY=149 Peak 09:08 09:01	End times 09:24 09:11		Qual=03 Qual= 1	FePeak=09:01	FePeak.c/s=17		i	XEN=914908
DOY=149 Peak End times HaClass=SF S23W90 AR5497 Mac.=FKI Carr.Lon.=38deg 13:28 13:40 Importance=C5 Qual=01 FePeak=13:27 FePeak.c/s=38 #Peaks=1 dt=7.7s Havelength=2788A Exp #=89600 Rast=180"x1" Step=0" Pitch=+472"  100Y=149 BOY=149 BOY=149 FePeak.c/s=36 Qual=01 FePeak=16:46 FePeak.c/s=38 #Peaks=1 dt= 3.8s Rast=180"x1" Step=0" Cad= 322s Rast=180"x1" Step=0" Pitch=+472"  16:52 Importance=C2 Qual=01 FePeak=16:46 FePeak.c/s=12 #Peaks=1 dt= 3.8s Rast=0"x0" Step=0" Pitch=+475"  16:53 CaPeak.c/s=48 Qual=00 Exp #=89604 Rast=180"x1" Step=0" Pitch=+475"  17:50 17:53 CaPeak.c/s=24 Qual= 4 FePeak=17:49 FePeak.c/s=8 #Peaks=1 dt= 7.7s Rast=0"x1" Step=0" Pitch=+475"  Rast=180"x1" Step=0" Pitch=+475"  Rast=100" Pitch=+475"  Rast=180"x1" Step=0" Pitch=+475"  Rast=180"x1" Step=0" Pitch=+475"  Rast=0" Rast=180"x1" Step=0" Pitch=+475"  Rast=0" Rast=180"x1" Step=0" Pitch=+475"	UVSP	09:03			Wavelength=1375A		Exp #=89595	Rast=240"x240" Rast=10"x10"			1.024s/pixel ", Yaw=-330"
13:12 13:28 13:40 HaClass=SF 523W90 AR5497 Mac.=FKI Carr.Lon.=38deg Importance=C5 Qual=01 FePeak=13:27 FePeak.C/s=36 Qual=01 FePeak=13:27 FePeak.C/s=38 #Peaks=1 dt= 7.7s Rast=180"x18" Step=10" Cad= 332s Fepeak.C/s=26 Qual=01 FePeak=13:27 FePeak.C/s=38 #Peaks=1 dt= 7.7s Fepeak.C/s=38 #Peaks=1 dt= 7.7s Fepeak.C/s=18 Qual=01 FePeak=16:46 FePeak.C/s=12 #Peaks=1 dt= 3.8s Fepeak.C/s=12	Event 89/05/	# = 22814 29,13:28 Start		End times							
y(MHz)/Flux(sfu): 245/88	opera GOES BCS	<u> </u>	13:28 13:27	13:40 13:50	HaClass=SF Importance=C5 CaPeak.c/s=256	\$23¥90 Qua]=01 Qua]= 1	AR5497 FeDeak=13.27	Mac.=FKI	Carr. Lon.	<i>"</i> .	H.Ang=90deg
DOY=149 Peak End times 16:48	FCS UVSP Radio	13:41 Frequen	cy(MHz)/F	lux(sfu):	Wavelength=2788A 245/88	5 5 5 7	Exp #=89600	Rast=180"x180" Rast=180"x1"	*reaks=1 Step=10" Step=0"	ut= /./s Cad= 332s Pitch=+47	XEN=914909 1.024s/pixel ',Yaw=-548"
y(MHz)/Flux(sfu): 245/70  b0y=149  Fast=0"x0" Step=0" Cad=.26s  Rast=180"x1" Step=0" Cad=.26s  Rast=180"x1" Step=0" Pitch=+475  Qual=00  Qual=00  Qual=00  Rast=180"x1" Step=0" Pitch=+475  Qual=00  Qual=00  Rast=0"x0" Step=0" Cad=1.02s  Wavelength=2788A Exp #=89605 Rast=180"x1" Step=0" Pitch=+475	Event   89/05/2 GOES	# = 22815 29, 16:48 Start 16:44 16:45	D0Y=149 Peak 16:48	End times 16:52	Importance=C2	Qual=01				1	
DOY=149 Peak End times Qual=00 Qual=00 17:50 17:53 CaPeak.c/s=24 Qual= 4 FePeak=17:49 FePeak.c/s=8 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Wavelength=2788A Exp #=89605 Rast=180"x1" Step=0" Pitch=+475	FCS UVSP Radio	16:47 Frequen	cy (MHz)/F	lux(sfu):	Wavelength=2788A 245/70	Code=00	Exp #=89604	rereak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	ນ	XEN=914910 0.256s/pixel ',Yaw=-551"
17:49 17:50 17:53 CaPeak.c/s=24 Qual=00 17:23 Wavelength=2788A Exp #=89605 Rast=180"x1" Step=0" Pitch=+475	Event #89/05/2	f = 22816 9,17:50 Start	D0Y=14 Peak	End times							
17:23 Wavelength=2788A Exp #=89605 Rast=180"x1" Step=0" Cad=1.02s	SSS	17:49	17:50	:5	4	Qua]=00 Qual= 4	FePeak=17:49	FePeak.c/s=8	#Peaks=1		XEN=914911
	Syl	17:23			₩avelength=2788A		Exp #=89605	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"		1.024s/pixel ,Yaw=-551"

_	_	=	T 49	ē
XEN=914912 1.024s/pixel ",Yaw=-551"	XEN=914913 1.024s/pixel ", Yaw=-551"	XEN=915000 1.024s/pixel ", Yaw=-551"	21deg H.Ang=79deg dt= 3.8s XEN=915001 cad= 262s 1.024s/pixe1 Pitch=+603", Yaw=-723"	XEN=915002 1.024s/pixel ", Yaw=-725"
dt= 3.8s XI Cad= 262s 1 Pitch=+475",	dt= 7.7s Cad= 262s Pitch=+475"	dt= 3.8s X Cad= 332s 1 Pitch=+475",	=21deg dt= 3.8s Cad= 262s Pitch=+603	dt= 7.7s X Cad= 262s 1 Pitch=+615",
#Peaks=1 Step=15" Step=0"	#Peaks=1 Step=15" Step=0"	#Peaks=1 Step=10" Step=0"	Carr.Lon.=21deg Flags=SN #Peaks=1 dt= 3 Step=15" Cad= Step=5" Pitch	#Peaks=1 Step=15" Step=5"
MaxkeV=102 FePeak.c/s=15 Rast=240"x240" Rast=180"x1"	FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	FePeak.c/s=22 Rast=180"x180" Rast=180"x1"	Mac.=DAI MaxkeV=102 FePeak.c/s=389 Rast=240"x240" Rast=265"x265"	FePeak.c/s=8 Rast=240"x240" Rast=70"x70"
Tot Cts=258 FePeak=22:19 Exp #=89611	FePeak=22:48 Exp #=89612 DOY=150	FePeak=00:32 Exp #=89614	AR5497 2 Tot Cts=122 5 FePeak=01:16 Exp #=89615 8800/99 15400/140	FePeak=01:43 Exp #=89616
	Qual=00 Qual= 4 89/05/30	Qual=02 Qual= 3 Code=01	\$20W79 Qual=0 Qual= Qual=	Qual=05 Qual= 5 A
Importance=C2	CaPeak.c/s=20 Wavelength=2788A	Importance=C3 Qual=O2 Cabeak.c/s=92 Qual= 3 Wavelength=2788A Code=O1	HaClass=SF S20W79 Importance=M7 Qual=0 Peakc/s=42 Qual=0 CaPeak.c/s=1785 Qual= Wavelength=1375A III/2 245/66 2695/58 4995/72	CaPeak.c/s=89 Wavelength=1375A
End times 122:25 17:20 F 22:26 (	End times 22:50	End times 00:59 00:39	8 2	End times 01:57
00Y=149 Seak 22:20 22:16:29 22:19	00Y=149 Peak 22:47	DOY=150 Peak 00:50 00:32	# = 11343 30,01:10 D0Y=150 Start Peak End time 01:04 01:10 01:42 01:15:11 01:15:32 01:15:50 01:16 01:17 01:41 01:20 Type/Intensity Frequency(MHz)/Flux(sfu)	9 D0Y=150 Peak 01:41
t # = 11342 5/29,22:20 Start 22:16 is 22:16:14 22:18	Event # = 22817 89/05/29,22:47 60ES Start BCS 22:46 FCS 22:58	Event # = 22818 89/05/30,00:50 Start GOES 00:28 BCS 00:27 FCS 00:31	Event # = 11343 89/05/30,01:10 D Start F Optical GOES 01:04 C HXRBS 01:15:11 C ECS 01:16 C FCS 01:20 UVSP 01:20 Radio Sweeps Radio Frequency	Event # = 22819 89/05/30,01:41 Start GOES BCS 01:41 FCS 01:24
Even 89/0 60ES HXRB BCS FCS	Event 89/05 60ES BCS FCS UVSP	98 98 5V	M& COLTANIA	യ്യ ആയ്

03:33 03:42 03:46	Event # 89/05/30 S	Vent # = 11344 9/05/30,03:42 Start Start	D0Y=150 Peak	End times							
\$25.03:35 03:340 03:45	_	:33	03:42	03:46	HaClass=SF Importance=C2	N28E03 Qual=03	AR5507	Mac.=HSX	Carr.Lon	.=297deg	H.Ang≡29deg
Start   Peak   Start	BCS PCS O O	3:32:30 3:35	03:34:16 03:40	Ξ	Peakc/s≖60 CaPeak.c/s=81	Qua]=01 Qual= 1	•	MaxkeV=102 FePeak.c/s=15			XEN=915003
10   10   10   10   10   10   10   10	UVSP 0 Radio Swi	3:31 eeps Frequenc	Type/I :y(MHz)/F	€ کڑ	45 I 3		Exp #=89622	Rast=180"x180" Rast=110"x200"			1.024s/pixel ",Yaw=-751"
\$\text{Signature} \text{Signature} \text{Freak} \text{C}_{4:30} \text{Qual} = 4 \text{Freak} \text{C}_{4:30} \text{Qual} = 4 \text{Freak} \text{C}_{4:30} \text{Qual} = 4 \text{Freak} \text{C}_{4:30} \text{Qual} = 4 \text{Freak} \text{C}_{4:30} \text{Qual} = 4 \text{Freak} \text{C}_{4:30} \text{Qual} = 4 \text{Freak} \text{C}_{4:30} \text{Qual} = 4 \text{Freak} \text{C}_{4:30} \text{Gal} = 262 \text{Gal} \text{Cal} = 262 \text{Gal} \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} = 282 \text{Gal} \text{Gal} \text{Gal} \text{Gal} = 262 \text{Gal} \text{Gal} \text{Gal} \text{Gal} = 262 \text{Gal}	ent 705	= 22820 ,04:34	D0Y=1	╽.							
## 04:28   Havelength=1375A Code=00   Exp #=89625   Rast=110"x200" Step=0" Cad=1.02s   ## 05/30 07:21   D0Y=150   ## 22821		4:29 4:30	94 84 94 84 94 94 94 94 94 94 94 94 94 94 94 94 94	<u>e</u>	mportance=Cl aPeak.c/s=43	Qua]=01 Qua]= 4	FePeak=04:31	FePeak.c/s=15		7 7	A C C T T T T T T T T T T T T T T T T T
1	JVSP 04	1:28			elength=1375A		Exp #=89625	Rast=0"x0" Rast=110"x200"		Cad=1.02s Pitch=+625	1.024s/pixel ",Yaw=-751"
Carr.Lon.=28deg   S22W90   AR5497   Carr.Lon.=28deg     S	vent # = 9/05/30, St	22821 07:21 art		1							
Post	ptical OES 07	:12	07:21		=LPS rtance=M4	\$22490 0ual=05	AR5497		Carr.Lon.	=28deg	H. Ang=90deg
Past=240"x240"   Step=15"   Cad= 262s			0/:43	0.	ak.c/s=512	Qual= 5	FePeak=07:43	FePeak.c/s=18			XEN=915005
08:01 08:01 08:05 CaPeak.c/s=24 Qual= 5 FePeak=08:02 FePe	6 .	:32	1	1	Wavelength=137	•	Exp #=89638	Rast=240"x240" Rast=265"x265"		-	1.024s/pixel
P 08:01    Mayelength=1375A   Exp #=89644   Rast=0"x0"   Step=0" Cad=1.02s     Mayelength=1375A   Capeak   Cad=1.02s	8	:01	:01	08:05	CaPeak.c/s=24	Sociated Qual= 5	<pre>Event # = 22822 FePeak=08:02</pre>	FePeak.c/s=5	 #Peaks=1	dt= 7.7c	XFN=015006
nt # = 22823 05/30,09:24		:01			æ		Exp #=89644	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+625"	1.024s/pixel ,Yaw=-715"
99:18 09:24 09:33 Importance=C4 Qual=04 09:19 09:22 09:45 CaPeak.c/s=168 Qual= 1 FePeak=09:21 FePeak.c/s=32 #Peaks=1 dt= 3.8s  Rast=180"x180" Step=10" Cad= 332s Rast=180"x180" Step=10" Cad= 332s  Rast=180"x180" Step=10" Pitch=+625'  Rast=10"x10" Step=10" Pitch=+625'  Start Peak End times  S 13:10 13:18 13:41 Importance=M3 Qual=05	+ 1G	43	951	Έ.							
P 09:21  Wavelength=1375A Code=00 Exp #=89651 Rast=180"x180" Step=10" Cad= 332s  1t # = 22824  15/30,13:18			<b>-</b>	<del>2</del> 23	mportance=C4 aPeak.c/s=168	Qual=04 Qual= 1		FePeak.c/s=32		dt= 3.8s	XFN=915007
<pre>1t # = 22824 55/30,13:18 DOY=150 55/30,13:18 DOY=150 54</pre>	/SP 09	:21			elength≖1375A	ეode≖00		Rast=180"x180" Rast=10"x10"		Cad= 332s Pitch=+625"	1.024s/pixel, Yaw=-715"
o 13:39	55 W		= 150 150	mes	mportance=M3	i					
	_		2		reak.c/s=14/ /elength=2788A	_				dt= 3.8s Cad= 262s Ditch=+475"	XEN=915008 1.024s/pixel

T	1	1 1			
H.Ang=60deg XEN=915009 1.024s/pixel ",Yaw=-551"	XEN=915010 1.024s/pixel ", Yaw=-551"	H.Ang=57deg ', Yaw=-551"	XEN=915103 1.024s/pixel 1.024s/pixel 	H.Ang=87deg	H.Ang=87deg H.Ang=21deg XEN=915100 1.024s/pixel 5", Yaw=-815"
8s 62s +475	dt= 3.8s X Cad= 262s 1 Pitch=+475",	=234deg	dt= 3.8s Cad= 332s Pitch=+475 dt= 7.7s Cad= 262s Pitch=+475	,Roll=-20deg	-736", Roll=-20deg Carr.Lon.=284deg #Peaks=1 dt= 7.7s Step=0" Cad=1.02s Step=5" Pitch=+505"
Carr.Lon.=233deg #Peaks=1 dt= 3. Step=15" Cad= 2 Step=0" Pitch=	#Peaks=1 Step=15" Step=0"	Carr.Lon.=234deg Step=0" Pitch=	Flags=SN #Peaks=1 Step=10" Step=0" 	,Yaw=-736",Ro " Step=0"	, Yaw=-736", Rol Carr.Lon. 5 #Peaks=1 Step=0" 1" Step=5"
FePeak.c/s=29 Rast=240"x240" Rast=180"x1"	FePeak.c/s=19 Rast=240"x240" Rast=180"x1"	MaxkeV=102 Rast=180"x1"	MaxkeV=102 FePeak.c/s=296 Rast=180"x180" Rast=180"x1" FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	Pitch=+596", Ya MaxkeV=102 Rast=180"x1"	Pitch=+596", Ye Mac.=DAI MaxkeV=102 FePeak.c/s=5 Rast=70"x70" Rast=70"x70"
AR5516 FePeak=19:10 F Exp #=89667 F	FePeak=19:49 Exp #=89667	AR5516 Tot Cts=289 Exp #=89670 DOY=151	Tot Cts=1063 FePeak=00:28 Exp #=89673 Event # = 22827 FePeak=01:05 Exp #=89674	Tot Cts=169 Exp #=89676	AR5511 Tot Cts=114 FePeak=04:02 Exp #=89678
N14E59 Qual=02 Qual= 2 F	Qual=05 Qual= 5 F Code=00 E	N13E56 Qual=00 Qual=01 89/05/31	Qual=04 Qual=02 Qual= 4 Code=01 Ssociated Qual= 5	S19W87 Qual=01 Qual=01 A	\$19W87 \$22E03 Qual=01 Qual= 4 Qual= 4
HaClass=SF Importance=C4 CaPeak.c/s=136 Wavelength=2788A V/1	Importance=C5 CaPeak.c/s=192 Wavelength=2788A	HaClass=SF Peakc/s=50 Wavelength=2788A	Importance=M1 Peakc/s=59 CaPeak.c/s=797 Wavelength=2788 Lone CaPeak.c/s=40	SMM Pointing: Peakc/s=43 Wavelength=2788A	SMM Pointing:  HaClass=SF Importance=C2 Peakc/s=37 CaPeak.c/s=23 Wavelength=1375A
times 5 2 ity:	End times 19:54 20:10	End times 3 22:02:34	End times 01:02 6 00:29:10 01:05 01:11	51 End times :42 02:34:57	1 End time 04:06 54 03:55:11 04:04
DOY=150 Peak End 19:31 19:23 19:31 19:11 19:11	DOY=150 Peak 19:45 19:50	DOY=150 Peak 22:02:2	DOY=151 Peak 00:39 00:27:2 00:32	DOY=1 Peak 02:34	DOY=15 Peak 04:03 03:54: 04:02
Event # = 22825 89/05/30,19:23 Start Optical GOES 19:06 BCS 19:06 FCS 19:39 UVSP 19:39 Radio Sweeps	Event # = 22826 89/05/30,19:45 Start GOES 19:38 BCS 19:49 FCS 19:39	Event # = 11348 89/05/30,22:02 Start Optical GOES HXRBS 22:01:18 UVSP 22:11	Event # = 11345 89/05/31,00:39 Start GOES 00:17 HXRBS 00:27:00 BCS 00:27 FCS 00:27 UVSP 00:17 	Event # = 11346 89/05/31.02:34 60ES Start HXRBS 02:34:27 UVSP 02:49	Event # = 11347 89/05/31,04:03 Start Optical GOES 03:59 HXRBS 03:54:33 BCS 04:02 FCS 03:41

89/06/3111327 00v-151 89/06/3111327 00v-151 89/06/011132 00v-152 89/06/01133 00v-152 89/06/01133 00v-152 89/06/01133 00v-152 89/06/0133 00v-152 89	Fvent # = 113/	10								
13:22:10   13:45   13:45   13:45   14:45   1	89/05/31, 13:27	D0Y=1		M Pointing	S19W87		Ditch=+505" v	20 "36" =we'	11- 20422	
2 13:22:10 13:22:30 Peakc/s=66 Qual=01 3 FePeak=13:23 Rast=180°x1° Stepo" Cad=1.75 Rast=180°x1° Stepo" Cad=1.75 Rast=180°x1° Stepo" Cad=1.75 Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Rast=180°x1° Rast=180°x1° Stepo" Cad=1.05 Rast=180°x1° Cad=1.05 Rast=180° Cad=1.05	Start Coes	Peak	End times	,			1, 060, 100, 1	aw/30 , KO	11=-<0deg	H.Ang=87deg
80   1   1   1   1   1   1   1   1   1	13:22 13:19	13:23 13:27	13:23: 13:45	Peakc/s=66 CaPeak.c/s=45	Qua]=03 Qua]=01 Qua]= 3		MaxkeV=102 FePeak.c/s=10			
14:52   15:02   CaPeak.c/s=24   Qual=01	13			₩avelength=2788	۷	Exp #=89713	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=+47	
14:52   15:02   CaPeak.c/s=24   Qual=0    FePeak=14:5    Rast=0.5°2°   Step=0"   Cad=1.02s	52,	28 00Y=151 Peak	End time					1		.
Mayelength=2788A   Exp #=89715   Rast=180"x1"   Stepen"   Cad=1.02s	· ^	14:52	15:02	CaPeak.c/s=24	Qual=01 Qual= 4	FePeak=14:51	February C/c=7	# 1 - ↑ √ + 0 G #		
DOY=152	15:1		,	Wavelength=2788⊅		Exp #=89715	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	<pre>at= /./s Cad=1.02s Pitch=+475</pre>	===
DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=152  DOY=153  DOY=152  DOY=153  DOY=153  DOY=154  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=154  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=154  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=154  DOY=155  DOY=151  DOY=155  DOY	Vent # = 1135	k			0/90/68		Total Control of the	1,000		
01:20 01:23   HaClass=SF   S19E77   AR5517   Hac.=HSX   Carr.Lon.=198deg   8 01:17:05 01:19:48   PeakC/s=45   Qual=01   Tot Cts=683   Maxkev=102   Maxev=102   Step=0"   Pitch=+352   8 01:17:05 01:19:48   PeakC/s=45   Qual=01   Tot Cts=683   Maxkev=102   Step=0"   Pitch=+352   8 01:17:05 01:19:48   PeakC/s=45   Qual=01   Tot Cts=683   Maxkev=102   Step=0"   Pitch=+352   8 01:17:05 01:19:48   PeakC/s=45   Qual=01   Tot Cts=683   Maxkev=102   Step=0"   Pitch=+352   8 01:17:05 01:19:48   PeakC/s=45   Qual=01   Tot Cts=784   Maxkev=102   Step=0"   Pitch=+352   8 01:17:05 01:19:48   PeakC/s=45   Qual=01   Tot Cts=784   Maxkev=102   Step=0"   Pitch=+352   8 01:17:05 01:19:48   PeakC/s=60   Qual=01   Tot Cts=784   Maxkev=102   Step=0"   Pitch=+352   8 01:17:05 01:19:48   PeakC/s=60   Qual=01   Tot Cts=784   Maxkev=102   Step=0"   Pitch=+352   8 01:17:05 01:19:48   PeakClass=18   Step=0"   Pitch=+352   Pitch=+352   Pitch=+352   8 01:107 21:31:22   PeakClass=1N   S18E67   PeakCs=78   Pitch=+412", Yaw=-211", Roll=-20deg   Pitch=+421", PeakCs=78   PeakCs=78   Pitch=+412", PeakCs=78   Pitch=+412", PeakCs=78   Pitch=+421", Pea	9/06/01,01:20 Start	D0Y=152 Peak	End ti	₹-	S22W11		Pitch=+380", Ya	aw=-38", Roll	1=-20deg	H.Ang=24deg
8 01:17:05 01:19:48 Peakc/s=45 Qual=01 Tot Cts=683 Maxkev=102 Rast=10"x10" Step=0" Pitch=+352 Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+352 Pay Rast=10"x10" Step=0" Pitch=+425 Pay Rast=130"x1" Step=0" Pitch=+425 Pay Rast=130"x1" Step=0" Pitch=+291" Pitch=+2	otical DES 01:16	01:20		HaClass=SF Importance=C2	\$19E77	AR5517	Mac.=HSX	Carr.Lon.	.=198deg	H.Ang=78deg
DOY=152  DOY=153  DOY=153  DOY=154  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=155  DOY=156  DOY=157  DOY=157  DOY=158  DOY=158  DOY=158  DOY=159  DOY=150  DOY	(RBS 01:16:28 /SP 01:20 idio Frequer	8 01:17:05 ncy(MHz)/F		Peakc/s=45 Wavelength=1375A 245/170 606/3	Qual=01 Code=02	Tot Cts=683 Exp #=89742	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+352	", Yaw=+0"
03:37 03:42 Importance=C2 Qual=03 03:37 03:34 PeakC/s=60 Qual=01 Tot Cts=784 MaxkeV=102  BOV=152  Box = End times  Havelength=1375A Code=00 Exp #=89750 Rast=70"x70" Step=5" Pitch=+352  Box = 205:43 Importance=C2 Qual=02  O4:52 O5:43 Importance=C2 Qual=02  O4:27 O4:37 CaPeak.c/s=34 Qual= 4 FePeak=04:27 FePeak.c/s=8 #Peaks=1 dt= 7.7s  Box = 100	ent # = 1135. /06/01,03:37. Start	D0Y=15 Peak		Pointing	S22W12		Pitch=+388", Ya	tw=-59", Roll:	=-20dea	H.Ann=24den
DOY=152 Peak End times  HaClass=SF \$22W17 AR5515 Mac.=DAO Carr.Lon.=290deg  04:57 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Apsortance=CaPodeg  Rast=0"x0" Step=0" Pitch=+425" Peak End times HaClass=IN S18E67 AR5517 Mac.=HSX Carr.Lon.=197deg 21:33 21:35 Importance=CaPode=O1 Exp #=89774 Rast=180"x1" Step=0" Pitch=+291"  Type/Intensity: III/3 V/3 V/3 410/120	ES 03:32 RBS 03:32:34 SP 02:52	03:37	03:42 03:33:44	Importance=C2 Peakc/s=60 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=784 Exp #=89750	MaxkeV=102 Rast=70"x70"		6367	
Peak End times  04:52 05:43 Importance=C2 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=02 04:27 04:37 CaPeak.c/s=34 Qual=01 007=152 007=152 007=152 007=152 007=152 007=152 007=153	ent # = 22829 /06/01,04:52	l õ							7664-1931	, raw=+18
04:27  04:37	Start tical ES 03:54	Peak 04:5	d times:43		\$22W17	AR5515	Mac.=DAO	Carr.Lon.ª	=290deg	H.Ang=27deg
DOY=152  Bast=0"x0" Step=0" Cad=1.02s  Bast=30"x30" Step=0" Cad=1.02s  Boy=152  Boy=152  Boy=152  Boy=152  Boy=152  Boy=152  Boy=152  Boy=152  Boy=152  Boy=152  Boy=152  Boy=153  Boy=153  Boy=153  Boy=153  Boy=153  Boy=154  Boy=154  Boy=155  Boy=	S 04:25 S	04:27	:37		Qual = 4	FePeak=04:27	FePeak.c/s=8		dt= 7.7s	
DOY=152 Peak End times HaClass=1N S18E67 AR5517 Mac.=HSX Carr.Lon.=197deg 21:33 21:35 Importance=C3 Qual=01 21:31:07 21:31:22 PeakC/s=77 Qual=01 Tot Cts=543 MaxkeV=102 Havelength=2788A Code=01 Exp #=89774 Rast=180"x1" Step=0" Pitch=+291" Type/Intensity: III/3 V/3 C45/150 410/120	SP 04:41		-	√avelength=1375A			Rast=0"x0" Rast=30"x30"		Cad=1.02s Pitch=+425"	1.024s/pixel ,Yaw=-124"
11:29 21:33 21:35	ent # = 11352 /06/01,21:33 Start	DOY=1 Peak	ţi	SMM Pointing:	S20W22		Pitch=+412", Yaw	w=-211", Roll		H.Ang=29deg
11:30:2/ 21:31:0/ 21:31:22	ES 21:29	21:33	21:35 I	daClass=1N mportance=C3	S18E67 Oual=01	AR5517	Mac.=HSX	Carr.Lon.≖		H.Ang≖68deg
	xbs 21:30:27 SP 21:09 Tio Sweeps Tio Frequenc	Z1:31:0/ Type/Ir cy(MHZ)/F1	21:31:22 F Intensity: I	eakc/s=77  avelength=2788A  II/3	ual=01 ode=01	Tot Cts=543 Exp #=89774	MaxkeV=102 Rast=180"x1"		Pitch=+291"	, Үам=-25"

Event # = 11354 89/06/01 23:36	DOY=152	SMM Pointing:	S20W23		Pitch=+416", Yaw	, Yaw=-222", Roll=-20deg		H.Ang=30deg
``	Peak End	HaClass=1F	\$18E64	AR5517	Mac.=DS0	Carr.Lon.=199deg		H.Ang=65deg
GOES 23:32 23 HXRBS 23:30:00 23 UVSP 23:39 Radio Frequency(	23:36 23:39 :23:31:26 23:38:07 cy(MHz)/Flux(sfu):	Importance=C2 Peakc/s=55 Wavelength≈2788A 245/220 606/3	Qual=01 Qual=01 Code=02	Tot Cts=2819 Exp #=89777	MaxkeV=187 Rast=180"x1"	Step=0" Pit	Pitch=+298",Yaw=-43	/aw=-43"
			89/06/02	D0Y=153		A Marie Control of th		
Event # = 11353 89/06/02,00:47	DOY=153	SMM Pointing:	S20W24	ı	Pitch=+420",Yav	, Yaw=-234", Roll=-20deg		H.Ang≈30deg
GOES HXRBS 00:47:25 UVSP 01:12 Radio Sweeps	70:47:43 00:48:3 Type/Intensity	Peakc/s=45 Wavelength=2788A III/3 V/3	Qual=00 Qual=01	Tot Cts=333 Exp #=89779	MaxkeV=102 Rast=180"x1"	Step=0" Pit	Pitch=+302", Yaw=-55"	/aw=-55"
Event # = 11355 89/06/02,05:47	D0Y=153	SMM Pointing:	S20W27		Pitch=+433",Ya	, Yaw=-267", Roll=-20deg		H.Ang=32deg
Start 60ES 05:20 HXRBS 05:09:44 i UVSP 05:37 Radio Sweeps	Peak End times 05:47 07:46 1 05:23:27 05:56:26 Type/Intensity:	Importance=M2 Peakc/s=72 Wavelength=1375A II/1	Qual=03 Qual=12 Code=00	Tot Cts=30191 Exp #=89790	MaxkeV=102 Rast=10"x10"	Flags=SA,DG Step=0" Pitch=+438"	tch=+438",)	, Үам=-220"
Event # = 11356 89/06/02,08:57	D0Y=153	SMM Pointing:	S20W28		Pitch=+441", Ya	, Yaw=-289", Roll=-20deg		H.Ang≕34deg
Start Optical	Peak End time	s HaClass=1F	S19E57	AR5517	Mac.=DS0	Carr.Lon.=201deg		H.Ang≖59deg
GOES HXRBS 08:56:55 UVSP 08:49 Radio Sweeps Radio Frequenc	5 08:57:27 08:57:58 Type/Intensity: ncy(MH2)/Flux(sfu):	Peakc/s=63 Wavelength=1375A III/2 245/230 410/100	Qual=00 Qual=01 606/55	Tot Cts=724 Exp #=89801	MaxkeV=102 Rast=30"x30"	Step=5" Pi1	Pitch=+512",Yaw=-338"	Үам=-338"
Event # = 1135, 89/06/02,10:16	D0Y±153	SMM Pointing:	S20W29		Pitch=+445", Ya	, Yaw=-300", Roll=-20deg		H.Ang=34deg
Start GOES 10:12 HXRBS 10:13:29	Peak End time 10:16 10:21 10:14:16 10:18:00	s Importance=M2 Peakc/s=6205	Qual=01 Qual=01	Tot Cts=1.09E+5	MaxkeV=858	Flags=M5	ć	70°C
GRS 10:14:00 UVSP 10:05 Radio Sweeps Radio Frequenc	10:15 Type/Intensi :y(MHz)/Flux(sf		Code=00 606/240	Exp #=89806 1415/130 2695/70	Rast=30"x30"	Step=5" Pi	Pitch=+515", Yaw=-347"	Vaw=-347"
Event # = 11358 89/06/02,16:05	D0Y=153	SMM Pointing:	S20W33		Pitch=+461", Ya	, Yaw=-342", Roll=-20deg	20deg H	.Ang=37deg
Start Optical	Peak End time	S	\$24E59	AR5517	Mac.=050	Carr.Lon.=195deg		H.Ang=62deg
GDES 15:57 HXRBS 15:57:1	$\begin{array}{c} 16:05 & 16:33 \\ 9 & 16:02:30 & 16:29:16 \\ \end{array}$	Importance=X1 Peakc/s=3819	Qua!=01 Qual=01	Tot Cts=5.00E+5	. MaxkeV=858	Flags=M5	C	ur=240sec
GRS 16:01:0 UVSP 15:07	00:50:91 0			Exp #=89813	Rast=180"x1"	Step=0" Pi	Pitch=+338", Yaw=-152"	Yaw=-152"
Radio Sweeps Radio Freque	lio Sweeps   lype/Intensity: lio Frequency(MHz)/Flux(sfu):	245/	0 606/250	5100 410/1100 606/2500 1415/590 2695/450 4995/520	450 4995/520 88	8800/1100 15400/1100	1100	

Event # = 11362 89/06/02,18:00 Start	2 D0Y=153 Peak	End times	SMM Pointing:	S20W33		Pitch=+461", Yaw=-342", Roll=-20deg	Yaw=-342", Ro	11=-20deg	H.Ang=37deg
Optical GOES 17:54 HXRBS 17:53:57 Radio Sweeps Radio Frequen	7:54 18:00 18:10 7:53:57 17:56:20 18:00:06 reeps Type/Intensity: Frequency(MHz)/Flux(sfu):	)	HaClass=1N Importance=M1 Peakc/s=87 V/3 245/330 606/73	\$19 <b>E</b> 53 Qua1=01 Qua1=02	AR5517 Tot Cts=8170	Mac.=DSO MaxkeV=231	Carr.Lon.=200deg Flags=I,SG	. =200deg SG	H.Ang=55deg
Event # = 11363 89/06/02,18:16 Start Optical GOES 18:13 HXRBS 18:12:03 UVSP	# = 11363 02,18:16	Q	SMM Pointing: HaClass=18 Importance=M2 Peakc/s=123	\$20W33 \$20E56 Qual=03 Qual=01	AR5517 Tot Cts=5894	Pitch=+461", Yaw=-342", Roll=-20deg Mac.=DS0 Carr.Lon.=197deg MaxkeV=144 Pitch=+	/aw=-342",Roll=-20de Carr.Lon.=197deg Pitch=	20deg	H.Ang=37deg H.Ang=58deg ,Yaw=+17"
	D0Y=153 Peak 19:20:18	End times 19:20:22	245/4/U 41U/49U 00b/11UU 1415/14U SMM Pointing: S20W33 Qual=01 Peakc/s=45 Qual=01 Tot Cts	\$20W33 Qual=01 Qual=01	1413/140 Tot Cts=90	Pitch=+461", Y MaxkeV=102	,Yaw=-342",Roll=-20deg	]=-20deg H.Ang=3	H.Ang=37deg
Event # = 11360 89/06/02,22:10 Start GOES HXRBS 22:10:01 UVSP 22:51	DOY=153 Peak 22:10:31	End times 22:11:46	SMM Pointing: Peakc/s=51 Wavelength=2788A	NOOWOO Qual=00 Qual=01	Tot Cts=418 Exp #=89823	Pitch=-1", Yaw=+6", Roll=-20deg MaxkeV=102 Rast=180"x1" Step=0" Pit	/=+6", Roll=-2 Step=0"	Odeg H.Ang=Ode	H. Ang=0deg ", Yaw=-70"
Event # = 22830 89/06/02,23:42 Start GOES ECS 23:39 FCS 23:26 UVSP 23:26	DOY=153 Peak 23:42	End times 23:52	CaPeak.c/s=25 Wavelength=2788A	Qual=00 Qual= 1	FePeak=23:41 Exp #=89824	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-84"	XEN=915300 1.024s/pixel , Yaw=+716"
Event # = 22831 89/06/03,01:10 Start GOES 01:10 FCS 01:59 UVSP 00:59	007=154 Peak 01:10	End times 01:14	CaPeak.c/s=20 Wavelength=2788A	89/06/03 Qual=00 Qual= 4	3 D0Y=154 FePeak=01:10 Exp #=89826	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-81"	XEN-915400 1.024s/pixel ,Yaw=+708"

Event # 89/06/03	t # = 11361 5/03.01:30	D0Y=154		SMM Pointing:	S19E54		Pitch=+39", Yaw=+785"	+785", Roll=	, Roll=-20deg	H.Ang=56deg
OES XRBS VSP adio	tart 11:29:43 11:57 reeps Frequent		s	Peakc/s=66 Wavelength=2788A III/2 245/390	Qual=01 Qual=01	Tot Cts=478 Exp #=89827	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=-79",	, Yaw=+704"
Event # 89/06/03	Event # = 11364 89/06/03,03:15 Start	DOY=154 Peak	End times	SMM Pointing: HaClass=38	S19E53 S19E46	AR5517	Pitch=+41",Yaw=+775" Mac.=DAI Carr		, Roll=-20deg .Lon.=202deg	H.Ang=55deg H.Ang=49deg
Optical GOES GRS GRS C BCS C FCS UVSP Radio Sv	03:07 03:07:46 03:09:00 03:09 03:28 Sweeps Frequenc	03:07 03:15 03:25 03:03:08:08:08:08:08:08:08:08:08:08:08:08:08:	3:19 5:00 7 7 1ity: fu):	Capeak.c./s=2274 Q Capeak.c./s=2274 Q Peak3c/s=7 Wavelength=2788A III/3 245/1400 410/1600	Qual=01 Qual=01 Qual= 1 0 606/340	Tot FePe Exp	:Peak.c/s= ist=180"x1 ist=180"x1 ist=180"x1	Flags=M5 #Peaks=1 Step=10" Step=0" /170 15400	3.8s = 332s ch=-77"	Dur=360sec XEN=915401 1.024s/pixel ,Yaw=+696"
	= 11365 3.03:33	5 D0Y=154		SMM Pointing:	S19E53		Pitch=+41", Yaw=	, Yaw=+775", Roll:	, Roll=-20deg	H.Ang=55deg
GOES HXRBS HXRBS BCS FCS UVSP	0ES 03:28 XRBS 03:28:39 CS 03:27 CS 03:27 VSP 03:28	Peak 03:33 03:28: 03:32	End times 03:37 03:30:37 03:36	Importance=C6 Peakc/s=64 CaPeak.c/s=165 Wavelength=2788A	Qual=01 Qual=01 Qual= 1 Code=00	Tot Cts=1422 FePeak=03:31 Exp #=89829	MaxkeV=102 FePeak.c/s=25 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-77"	XEN=915402 1.024s/pixel ,Yaw=+696"
Event # 89/06/0	Event # = 22832 89/06/03,04:55 Start	2 D0Y=154 Peak	End times	HA Class#SF	S20E52	AR5517	Mac.=DAI	Carr.Lon.	.=195deg	H.Ang=54deg
Optical GOES BCS ( FCS	04:19 04:19	04:55	60:50	oeak.c/s=8; velength=2	Qual= 1 Qual= 1	FePeak=04:55 Exp #=89831	FePeak.c/s=11 Rast=240"x240" Rast=243"x243"	#Peaks=2 Step=15" Step=3"	dt= 7.7s Cad= 262s Pitch=+53"	XEN=915403 1.024s/pixel , Yaw=+775"
	# = 22833 /03,08:09 Start 07:49	3 D0Y=154 Peak 08:09	End times	CaPeak.c/s=56	Qual=00 Qual= 1	FePeak=08:09	FePeak.c/s=8	#Peaks=2 <+en=()"	dt= 3.8s Cad=1.02s	XEN=915404 1.024s/pixel
FCS UVSP Radio 9	07:59 Sweeps	Type/	Type/Intensity:	Wavelength=1375A III/3	ď	Exp #=89845	Rast=30"x30"	Step=5"	Pitch=+37	, Yaw=+692"
Event # 89/06/06/06/06/06/06/06/06/06/06/06/06/06/	= 228 ,09:4 tart 9:16	34 5 DOY=154 Peak 09:45	End times		Qual=00 Qual= 1	FePeak=09:44 Fxn #=89848	FePeak.c/s=6 Rsst=0"x0" Rast=265"x265"	#Peaks=2 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+64"	XEN=915405 1.024s/pixel ", Yaw=+743"
UVSP	10:28									

DOV-154   Type-/Intensity   Wavelength-1375A Code-0C   Exp #-89848   Rast-26G".K269"   Step=15"   Tada-264",	/ent # = 22, 1/06/03,10:	DOY=15	4							
10:28	Start DES 10:16 SS 10:42 SS	Peak 10:20 10:42	End time 10:47 11:20	_ E3	Qua]=05 Qua]= 5		FePeak.c/s≖7			
12:20   12:21   12:22   12:23   12:2	~			ર્જ		Exp #=89848	Rast=240"x240" Rast=265"x265"		Cad= 262s Pitch=+64	
12:120	¬0, ⊑	DOY=1 Peak	End t	SMM Pointing:	ĺ		Pitch=+58", Yaw	=+727", Rol	1=-20deg	H.Ang=50deg
12:19   12:12   12:18   Qual=0    Tot Cts=20701   Maxkev=419   Flags=H5   Hayel   Havelength=2788   Exp f=89858   Rast=180"xl"   Step=0"   Cad=1.02s   Capeak.c/s=85   Qual=1   FePeak=12:18   Rast=0"x0"   Step=0"   Pitch=-5g"   Type/Intensity:   Vi	_	12:20				AR5520	Mac.=CA0	Carr. Lon,	.=165deg	H.Ang=79deg
12:19   12:22   CaPeak.C/s=865   Qual= 1   FePeak=12:18   Rast=0"x0"   Step=0"   Cad=1.02s		/1:31				Tot Cts=20701	MaxkeV=419	Flags≖M5		
Type/Intensity: Wavelength=2788A Exp #=89858 Rast=180"x1" Step=0" Cad=1.02s 12:23		12	12:22	Cap		FePeak=12:18	FePeak.c/s=217	#Peaks=1	dt= 7.7s	Dur=60sec XFN=915407
12:23   12:50   CaPeak.c/s=39   Qual=5   FePeak=12:23   Rast=0"x0"   Step=0"   Cad=1.02s     12:23   12:50   CaPeak.c/s=39   Qual=5   FePeak=12:23   Rast=0"x0"   Step=0"   Cad=1.02s     12:23   12:50   CaPeak.c/s=39   Qual=5   FePeak=12:23   Rast=0"x0"   Step=0"   Cad=1.02s     13:23   14:08   HaClass=28   S18E48   AR5517   Mac.=DAI   Carr.Lon.=194deg     13:23   14:08   Importance=M3   Qual=5   FePeak=13:31   FePeak.c/s=66   FePeak=13:31   FePeak.c/s=66   FePeak=13:31   FePeak.c/s=66   FePeak=13:31   FePeak.c/s=66   FePeak=13:31   FePeak.c/s=68   FePeak=13:31   FePeak.c/s=68   FePeak=13:31   FePeak.c/s=68   FePeak=13:32   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak.c/s=68   FePeak=13:33   FePeak=13:34   FePeak=13:35	S.	Type/		Wavelength=2788/ v/i		Exp #=89858	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-59	1.024s/pixel
12:13   12:50   CaPeak.c/s=39   Qual= 5   FePeak=12:23   FePeak.c/s=5   #Peaks=1   dt= 7.75     DOY=154	٠,٠	iency (MHz)/		/750 410/100	) 606/57 2 Issociated	695/96 Event # = 22836	1			?
DOY=154 Peak End times HaClass=28 S18E48 AR5517 Mac.=DAI Carr.Lon.=194deg 13:23 14:08 Importance=M3 Qual=05 Gual= 5 FePeak=13:31 FePeak.c/s=66 fPeaks=1 Gad=262s Type/Intensity: Il/3 IIII/3 IIII/3 IIII/3 IIII/3 IIII/3 IIII/3 IIIIIIII	53		$\ddot{\circ}$	eak.c/s=39	Qual= 5	FePeak=12:23	FePeak.c/s= Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad*1.02	XEN=915408 1.024s/pixel
13:23   14:08	228 13:2 art	<u>_</u>	End times							
13:31 14:25 CaPeak.c/s=606 Qual= 5 FePeak=13:31 FePeak.c/s=66 #Peaks=1 dt= 3.85  Type/Intensity: 11/3 111/3  Cy (MHz)/Flux(sfu): 245/84 410/410 606/13000 1415/240 2695/150 4995/310 8800/260 15400/95  DOY=154  End times  Wavelength=2788A Code=00 Exp #=89859 Rast=180"x1" Step=0" Pitch=-58", Peaks=1 dt= 7.75  Rast=0"x0" Step=0" Pitch=-58", Peaks=1 dt= 7.75  Rast=0"x0" Step=0" Pitch=-58", Peaks=1 dt= 7.75  Rayt=180"x1" Step=0" Pitch=-55", Peak=15:04	7a   13	13:23	8; 8;	HaClass=2B Importance=M3	\$18E48 Qual=05	AR5517	Mac.=DAI	Carr.Lon.	#194deg	H.Ang=50deg
Type/Intensity: IJ/3 III/3 III/3 Cad= 262s  cy(MHz)/Flux(sfu): 245/84 410/410 606/13000 1415/240 2695/150 4995/310 8800/260 15400/95  DOY=154  End times  Wavelength=2788A Code=00 Exp #=89859 Rast=180"x1" Step=0" Pitch=-58"  Qual=00  15:04 15:14 CaPeak.c/s=19 Qual=00		13:31		CaPeak.c/s=606	Qual= 5		FePeak.c/s=66		dt= 3.8s	XEN=915409
Cy(MHz)/Flux(sfu): 245/84 410/410 606/13000 1415/240 2695/150 4995/310 8800/260 15400/95  DOY=154  End times  Wavelength=2788A  List CaPeak.c/s=6 #Peaks=1 dt= 7.7s  Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Peak  Peak  Exp #=89861  DOY=154  Exp #=89862  Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Pitch=-55" Pitch=-55" Rast=0"x0" Step=0" Cad=1.02s Cad=1.02s Rast=0"x0" Step=0" Pitch=-55" Rast=0"x0" Step=0" Pitch=-55" Rast=0"x0" Step=0" Cad=1.02s Rast=0"x0" Step=0" Pitch=-55" Rast=180"x1" Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=-55"	_	Type/1	Intensity:	Wavelength=2788A II/3 III/3	Code=00		Rast=180"x1"		Cad= 262s Pitch=-58"	1.024s/pixel ,Yaw=+644"
DOY=154 Peak End times  15:04 15:14		ency(MHz)/I	Flux(sfu):	245/84 410/410 6	06/13000	1415/240 2695/150	4995/310 8800/	260 15400/	95	
15:04 15:14 CaPeak.c/s=19 Qual=00	പറ്	38 4 DOY=154 Peak	End	The state of the s						
DOY=154  Bast=0"x0" Step=0" Cad=1.02s  Bast=180"x1" Step=0" Cad=1.02s  Boy=154  Bast=180"x1" Step=0" Cad=1.02s  Pitch=+66", Yaw=+705", Roll=-20deg  Oual=00 Tot Cts=560 MaxkeV=102  Boy=154:23 15:58 CaPeak.c/s=48 Qual= 1 FePeak=15:46 FePeak.c/s=8 #Peaks=1 dt= 3.8s  Mayelength=2788A Exp #=89862 Rast=180"x1" Step=0" Cad=1.02s		15:04	∹	eak.c/s=1	Qual=00 Qual= 5		FePeak.c/s=6			YEN=015/10
DOY=154	14:54						Rast=0"x0" Rast=180"x1"			1.024s/pixel Yaw=+635"
15:43:37 15:44:23 15:44:56 Peakc/s=50 Qual=01 Tot Cts=560 MaxkeV=102 15:44 15:48 15:58 CaPeak.c/s=48 Qual= 1 FePeak=15:46 FePeak.c/s=8 #Peaks=1 dt= 3.8s 15:52 Wavelength=2788A Exp #=89862 Rast=180"x1" Step=0" Pitch=-53"	)t # = 1136 16/03,15:48 Start	DOY=15 Peak	End times	MM Pointing	S19E46		Pitch=+66", Yaw=1	-705", Roll*		H. Ang = 48deg
15:52 Rast=0"x0" Step=0" Cad=1.02s Havelength=2788A Exp #=89862 Rast=180"x1" Step=0" Pitch=-53"	15:43: 15:44	15:44:2 15:48	15:44:56 15:58				MaxkeV=102 FePeak.c/s=8			XFN#015A11
	15:5		-	Wavelength=2788A	-					1.024s/pixel Yaw=+630"

Importance=M1 CaPeak.c/s=131 Wavelength=2788A
SMM Pointing: HaClass=SF Importance=M2 PeakC/s=94 Wavelength=2788A
v/2 Associated Peakc/s=50 Qual=01
aboak c/s=24
wavelength=2788A
SMM Pointing:
HaClass=1F Importance=X1
Peakc/s=8365
length=278 /92 2695/1
Peakc/s=52
SMM Pointing:
HaClass=SF
Importance=mz yudr=Ul Peakc/s=165 Qual=11 CaPeak.c/s=73 Qual= 1
Wavelength=2788A V/2
Peakc/s=54 Qual=01
Peakc/s=4/

	1 1				89/06/04	14 DOY=155				
Event # 89/06/0	vent # = 113/5 9/06/04,00:36 Start	DOY=155	+ + •	SMM Pointing:	S19E41		Pitch=+83", Yaw	, Yaw=+657", Roll	, Roll=-20deg	H.Ang=44deg
`est	)                 			HaClass=SF	\$21E76	AR5521	Mac. *DKI	Carr.Lon.=160deg	=160deg	H.Ang=77deg
HXRBS BCS FCS UVSP	00:32:58 00:35 00:10	3 00:33:04 00:35	00:33:30 00:37	Importance=C2 Peakc/s=69 CaPeak.c/s=18 Wavelength=2788A	Qual=01 Qual= 4 Code=01	Tot Cts=328 FePeak=00:35 Exp #=89873	MaxkeV=102 FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-35"	XEN=915500 1.024s/pixel ,Yaw=+581"
vent 4	Event # = 11376 89/06/04,02:22 Start	5 D0Y=155 Peak	Fnd times	SMM Pointing:	S19E40		Pitch=+87", Yaw=	, Yaw=+647", Roll	, Roll=-20deg	H. Ang=44deg
ptical OES	02:11		38		\$19E34	AR5517	Mac.=EAI	Carr.Lon.=201deg	=201deg	H.Ang=38deg
	02:12:02 02:14	02:15:48	02:19:06 02:48	Peakc/s=195 CaPeak.c/s=490	Qual=01 Qual= 1	Tot Cts=13165 FePeak=02:19	MaxkeV=231 FePeak.c/s=96		dt= 3.8s	XEN=915501
NSP Badio S Radio	02:41 Sweeps Frequency(	Type/Intensi cy(MHz)/Flux(sf	Intensity: Flux(sfu):	Wavelength=2788A III/3 V/3 245/230 410/67 60	)6/750 14	A Exp #=89876 606/750 1415/5100 2695/160	Rast=180"x180" Step=10" Rast=180"x1" Step=0" 4995/130 8800/66 15400/38	Step=10" Step=0" 56 15400/38	Cad= 332s Pitch=-30",	1.024s/pixel ,Yaw=+566"
Event # 89/06/0	vent # = 22841 9/06/04,02:56 Start	D0Y=155 Peak	End times							
DES OES	02:47	.5	:32	nat.ass=∠N Importance=M3	S16E/2 Oual=02	AR5521		Carr.Lon.=163deg	=163deg	H.Ang=73deg
BCS UVSP	02:48 02:41	02:4	02:48	CaPeak.c/s≖22 Wavelength≖2788A	Qual= 5 Code=01		FePeak.c/ Rast=180"	(S=1 =0"	7s =-30"	XEN=915502 , Yaw=+566"
SSS	03:27	03:27		As CaPeak.c/s=24	Qual= 5	Event # = 22642 FePeak=03:27				XEN=915503
•	03:16			Wavelength=2788A		Exp #=89877	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-29"	1.024s/pixel ,Yaw=+562"
/ent # //06/0	Event # = 12544 89/06/04,08:34	DOY=155		SMM Pointing:	S19E37		Pitch=+101", Yaw	, Yaw=+607", Rol	, Roll=-20deg	H.Ang=41deg
otical	3cal t	75gh	יאס פיי	.Class=2N	\$20E71	AR5521	Mac.=DKI	Carr.Lon.=161deg	=161deg	H.Ang=72deg
HXRBS	08:29:47 08:29	08:31:04	08:41:47	Importance=m2 Peakc/s=274 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=18500 Exp #=89890	MaxkeV=144 Rast=110"x200"	Flags=I Step=5"	Pitch≖+88"	, Yaw=+641"
Event # 89/06/0	vent # = 12545 9/06/04,09:00 Start	DOY≖155 Peak	End times	SMM Pointing:	S19E36		Pitch=+105", Yaw	, Yaw=+597", Roll=-20deg	1=-20deg	H. Ang=40deg
otical SES (	08:51	00:60	09:53	HaClass=2N Importance=M4	S20E71 Qual=02	AR5521	Mac.=DKI	Carr.Lon.=160deg	±160deg	H.Ang⇒72deg
HXRBS BCS FCS	08:44:40 08:29	08:55:41 08:57	08:58:40 08:59		Qual=03 Qual= 2	Tot Cts=54200 FePeak=08:57	MaxkeV=102 FePeak.c/s=74	Flags=I,EN, #Peaks=2 d	ND t= 7.7s	XEN=915504
	08:46 Frequenc	08:46 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=1375A 15400/58	Code=00	Exp #=89892	Rast=110"x200"	Step=15 Step=5"	du=	1.0∠4s/p1xel ,Yaw≖+639"

13:21   13:22   Pack	Event # = 1137 89/06/04,13:21	377 21 DOY=155	יין דעם	SMM Pointing:	S19E33		15"	, Yaw=+567", Roll=-20deg	=-20deg	H.Ang=38deg
13.29 40 13:20. 6 Jamportance*1.3 Qual=01 Tot Cts=2821 Haxkev=187 Ast=180"x1" Step=0"	Stari Optical		ני ווענ	HaClass=SF	\$20E73	AR5521	Mac.=DKI	Carr.Lon.≖	156deg	H.Ang=74deg
DOY=155  Peak  End times  HaClass=28  Qual=6  Doy=155  Hac.=End times  HaClass=28  HaClass=28  HaClass=28  HaClass=28  HaClass=28  HaClass=28  HaClass=28  HaClass=38  HaClass=38  HaClass=38  HaClass=38  HaClass=38  HaClass=38  HaClass=38  HaClass=38  HaClass=38  HaClass=180  Havelength=2788A  HaClass=180  Haxev=144  Hays=Hays=180  Haxev=144  Hays=Hays=180		13:21 :51 13:19 13:20	13:25 13:20:26 13:22	tance=L3 c/s=243 k.c/s=19	Qual=01 Qual=01 Qual= 4		MaxkeV=187 FePeak.c/s=8		dt= 7.7s	XEN=915505 1 024s/nixel
DOY=155  HaClass=28  S20E34  AR5517  Hac.=EAl Carr.Lon.=  HaClass=28  S20E34  AR5517  Hac.=EAl Carr.Lon.=  HaClass=28  Gual=05  Has=240"x240" Step=50"  Has=280.x240" Step=60"  Havelength=278aA Code=00  Exp #=89910  Has=180"x1" Step=60"  Exp #=89910  Has=180"x1" Step=60"  Exp #=89910  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Havelength=278aA  Exp #=89911  Bas=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Exp #=89911  Has=180"x1" Step=60"  Havelength=278aA  Havelength=278aA  Havelength=278aA  Havelength=278aA  Havelength=278aA  Havelength=278aA  Exp #=89913  Havelength=278aA  Havelengt				avel			Rast=180"x1"		Pitch=-5",	Yaw=+495
Haclass=B8   S20E34   AR5517   Hac.=EA1   Carr.Lon.= I4:12   I4:36   Importance=H3   Qual=D   Exp #=89910   Rast=180"x1"   Step=6"	Event # = 2.89/06/04,14	D0Y=15 Peak	End times					-		
14:04   14:12   14:43   Importancem3   14:06   Labeak.c/s=13   Rast=180"x1   Step=0   Step=15   Rast=180"x1   Step=0   Step=15   Rast=180"x1   Step=0   Step=15   Rast=180"x1   Step=0   Id-43   Id-43   Id-52   CaPeak.c/s=35   Qual= 5   FePeak=14:43   Rast=180"x1   Step=0   Id-43   Id-43   Id-43   Id-52   CaPeak.c/s=35   Qual= 5   FePeak=14:43   Rast=180"x1   Step=0   Id-43   Id-	Optical			HaClass=2B	\$20E34	AR5517	Mac.=EAI	Carr. Lon.	.TApged	n.Ang≃39ueg
14:05	14:0 14:1	14:1 14:1	4:36 4:43	Importance=M3 CaPeak.c/s=700	Qual= 4	FePeak=14:16	FePeak.c/s=174 Rast=240"x240"		dt= 3.8s Cad= 262s	XEN=915506 1.024s/pixel
14:43	14			Wavelength=2788	τ	Exp #=89910	Rast=180"x1"	Step=0"	Pitch=-3",	Yaw=+491"
Wavelength=2788A	14:4	14:43	14:52	CaPeak.c/s=35	oual= 5	FePeak=14:43	FePeak.c/s=7 Dast=240"x240"	#Peaks=1 Sten=15"	250	XEN=915507 s 1.024s/pixel
14:58 15:06	15	~		avelength=2788	4	Exp #=89911	Rast=180"x1"	Step=0"	Pitch=+1",	Yaw=+487"
Mavelength=2788A   Exp #=89911   Rast=240"x240" Step=15"     Peak	14.	14:58	15:06		ssociated Qual= 4	Event # = 22043 FePeak=14:57	FePeak.c/s=5	#Peaks=1		XEN=915508
DOY=155  End times  HaClass=IN  S20E69  AR5521  Mac.=DKI  Carr.Lon.= 16:21:16 16:22:21  Mac.elfl  Qual=01  Doy=155  Exp #=89913  Doy=155  BaxeeV=144  Mac.elfl  Qual=01  Exp #=89913  AR5521  Mac.elfl  Qual=01  Exp #=89913  AR5521  Mac.elfl  Qual=01  Exp #=89913  AR5521  Mac.elfl  ArkeV=144  Rast=180"x1"  Step=0"  S19E32  Doy=155  Exp #=89913  AR5521  Mac.elfl  ArkeV=144  Flags=En  Boy=155  BoxClass=IN  S20E69  AR5521  Mac.elfl  ArkeV=144  Flags=En  BoxClass=IN  Qual=03  Fepeak.cls=39  Rast=240"x240"  Step=15"  Boy=15"  Rast=180"x1"  Step=0"  Step=0"  Boy=155  Boy=1	S 15:	•	•	Wavelength=2788A			Rast=240"x240" Rast=180"x1"	Step=15" Step=0"		1.0245/pixei, Yaw=+487"
Peak End times HaClass=IN S20E69 AR5521 Mac.=DKI Carr.Lon.= 16:21 16:22 16:27	Event # = 1 89/06/04,16	D0Y=15		Pointing	S19E32	1	Pitch=+122", Yaw	4=+556", Rol	1=-20deg	H.Ang=37deg
16:22   16:27   Importance=M1   Qual=01   Tot Cts=4980   Rast=180"x1"   Step=0"     16:21:16   16:22:21   PeakC/s=161   Qual=01   Tot Cts=4980   Rast=180"x1"   Step=0"     16:21:16   16:22:21   PeakC/s=10   Qual=01   Tot Cts=6913   Pritch=+126", Yaw=+546", Roll			End times	HaClass=1N	\$20E69	AR5521	Mac.=OKI	Carr.Lon.	≈158deg	H.Ang=70deg
DOY=155  Peak End times  HaClass=1N S20E69 AR5521 Mac.=DKI Carr.Lon.=  16:41 17:11 Importance=M3 Qual=03 16:38:17 16:42:30 PeakC/s=322 Qual=03 16:40 16:40 16:40 16:41 17:11 Importance=M3 Qual=03 Gapeak.c/s=215 Qual= 3 FePeak=16:39 RaxkeV=144 Flags=EN Rast=240"x240" Step=15" Step=15" Rast=180"x1" Step=0"		16:22 16:21	16:27 6 16:22:21	Importance=Ml Peakc/s=161 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=4980 Exp #=89913	_	Step=0"	Pitch=+5"	, Yaw=+476"
Peak End times HaClass=1N S20E69 AR5521 Mac.=DKI Carr.Lon.= Haportance=M3 Qual=03 Qual=03 Tot Cts=59518 MaxkeV=144 Flags=EN 16:40 16:42:30 PeakC/s=322 Qual=03 Tot Cts=59518 MaxkeV=144 Flags=EN 16:40 16:43 CaPeak.c/s=215 Qual= 3 FePeak=16:39 FePeak.c/s=39 #Peaks=2 16:40 Havelength=2788A Code=00 Exp #=89913 Rast=180"x1" Step=0"	Event # = 1 89/06/04,16	D0Y=15	5	Pointing	S19E32		Pitch=+126", Ya	w=+546", Rol	1=-20deg	H.Ang≕36deg
16:31 16:41 17:11 Importance=M3 Qual=03 Tot Cts=59518 MaxkeV=144 Flags=EN 16:32:20 16:38:17 16:42:30 PeakC/s=322 Qual=03 Tot Cts=59518 Pepeak.c/s=39 #Peaks=2 16:32	Star Optical	ш.	times	HaClass=1N	\$20E69	AR5521	Mac.=DKI	Carr.Lon.	=158deg	H.Ang=70deg
16:35		16:41 20 16:38 16:40	17:11 7 16:42:30 16:43	Importance=M3 Peakc/s=322 CaPeak.c/s=215	Qual=03 Qual=03 Qual= 3	Tot Cts=59518 FePeak=16:39	MaxkeV=144 FePeak.c/s=39 pact=240"x240"		dt= 7.7s Cad= 262s	XEN=915509 1.024s/pixel
10:04 19:21 D0Y=155 Start Peak End times Start Peak C/s=14 #Peaks=1 19:04 19:21 19:36 CaPeak.c/s=24 Qual= 1 FePeak=19:27 FePeak.c/s=14 #Peaks=1 19:04 19:21 19:36 CaPeak.c/s=24 Qual= 1 Exp #=89917 Rast=0"x0" Step=0" 19:40	11	ts equency (MHz)		Wavelength=2788/ 4995/55 8800/55	A Code=00 15400/64	Exp #=89913	Rast=180"x1"		Pitch=+5"	, Yaw=+476"
Qual=UU	90.7	6 DOY=1 Peak	5 End		-					
v 19:40 Wavelength=2788A Exp #=89917 Rast=180"x1" Step=0"		19:2	19:36	:ak.c/s=2	Qual=00 Qual= 1	FePeak=19:27	FePeak.c/s=14		dt= 7.7s Cad=1.02s	XEN=915510 1.024s/pixel
	, 19	10		Wavelength=2788	⋖	Exp #=89917	Rast=180"x1"		Pitch=-11	9", Yaw=+775"

Event 89/06,	Event # = 22847 89/06/04,20:57 Start	DOY=155 Peak	End times							
BCS FCS	20:57	20:57	21:02	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=20:58	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=915511
UVSP	21:14			₩avelength=2788A		Exp #=89919	kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1. Pitch=-117",	1.024s/pixel ',Yaw=+768"
Event 89/06/	Event # = 11380 89/06/04,21:24 Start	) DOY=155 Peak	End times	SMM Pointing:	\$18E62		Pitch=+1", Yaw=+847", Roll=-20deg	847", Roll=	-20deg	H.Ang=63deg
Optica SOES	21:12		22:41			AR5521	Mac.=DKI	Carr.Lon.=158deg	=158deg	H.Ang≖69deg
HXRBS BCS FCS	21:13:05 21:12	21:17:29	21:18:37 21:18	Peakc/s=2937 CaPeak.c/s=1657	Qual=03 Qual= 2	Tot Cts=2.38E+5 FePeak=21:18	MaxkeV=368 FePeak.c/s=547	Flags=M5, #Peaks=1	ш	XEN=915512
VSP adjo	21:14 Sweens	T/auxT	ntensity.	Wavelength=2788A Code=00 E	Code=00	×p #=89919	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-117"	Cad= 262s 1.024s/pixel Pitch=-117",Yaw=+768"
Radio	Frequen	cy(MHz)/F	Frequency (MHz)/Flux(sfu):	4995/220 8800/410	0 15400/6	80				
1	21:58	21:59	22:45	eak.c/s=969	Associated Qual= 5	event # = 22848 FePeak=21:59	FePeak.c/s=65	#Peaks=1	dt= 3.8s	XEN=915513
VSP	21:49			Wavelength=2788A		Exp #=89920	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=-116",	1.024s/pixel ",Yaw=+766"
vent 9/06/	Event # = 22849 89/06/04,22:45 Start	DOY=155 Peak	End times							
GOES BCS UVSP	22:45 23:22	22:45	22:51	CaPeak.c/s=38 Wavelength=2788A	Qua]=00 Qua]= 5	FePeak=22:45 Exp #=89922	FePeak.c/s=9 Rast=180"x1"	#Peaks=1 Step=0"	dt= 7.7s XEN=915514 Pitch=-114",Yaw=+760"	XEN=915514 ,Yaw=+760"
	7000				89/06/05	5 D0Y=156				
/90/6	Event # = 11392 89/06/05,01:05 Start	DOY=156 Peak	End times	SMM Pointing:	S18E59		Pitch=+10", Yaw=+823", Roll=-20deg	+823", Roll	=-20deg	H. Ang=60deg
GOES HXRBS UVSP	01:04:32 00:54	01:05:47	01:04:32 01:05:47 01:06:45 00:54	Peakc/s=64 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1308 Exp #=89924	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-112",Yaw=+753	, Yaw=+753"
/ent 9/06/	Event # = 22850 89/06/05,01:17 Start	D0Y=156 Peak	End times							
805 200 200 200 200 200 200 200 200 200 2	01:16	01:17	01:21	CaPeak.c/s=33	Qual=00 Qual= 4	FePeak=01:16	FePeak, c/s=7	#Peaks=1	dt= 7.7s	XEN=915600
SP.	00:54			Wavelength=2788A		Exp #=89924	Kast=0"x0" Rast=180"x1"	Step=0" Step=0"	Ž.	1.024s/pixel ',Yaw=+753"

	9	SMM Pointing:	S18E59		Pitch=+10", Yaw=+	, Yaw=+823", Roll=-20deg	-20deg	H.Ang=60deg
Peak Er	End times	Class=SF	S21E64	AR5521	Mac.=EKI	Carr.Lon.=158deg		H.Ang=66deg
:02 0	01:28 01:34 01:43 01:29:54 01:31:02 01:35:08 01:24 01:33 01:54 01:52	rtance=M1c/s=1109 ak.c/s=925 length=2788A	Qual=03 Qual=11 Qual= 1	Qual=03 Qual=11 Tot Cts=23829 Qual= 1 FePeak=01:32 \ Exp #=89925	MaxkeV=187 FePeak.c/s=216 Rast=180"x180" Rast=180"x1"	Flags=M5,DG #Peaks=1 d1 Step=10" C2 Step=0" P	:= 3.8s ad= 332s itch=-110	XEN=915601 1.024s/pixel ", Yaw=+749"
y(MHz)/F1 01:54	ux(stu): 0 01:59	19 4993/09 	Associated Qual= 5	5	FePeak.c/s=6 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=915602 1.024s/pixel
92	-	SMM Pointing:	\$18E59		pitch=+10", Yaw=+823", Roll=-20deg	+823",Roll=	-20deg	H.Ang=60deg
:13 )/F]	Start Peak End times 60ES 03:05 03:09 03:19 HXRBS 03:05:55 03:08:13 03:09:54 UVSP 02:41 Radio Frequency(MHz)/Flux(sfu):	Importance=C7 Peakc/s=122 Wavelength=2788A 4995/60 8800/26	Qual=01 Qual=01 Code=00	Tot Cts=5009 Exp #=89926	MaxkeV=144 Rast=243"x243"	Step=3"	Pitch=+19",	, Үаw=+829"
D0Y=156		SMM Pointing:	S18E57		Pitch=+13", Yaw=	,Yaw=+813",Roll=	,Roll=-20deg	H.Ang=59deg
Peak 03:30:09	End times 03:30:20	Peakc/s=46 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=131 Exp #=89926	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=+19"	', Yaw=+829"
D0Y=156 Peak	End times		0119]=00					
4	04:26	CaPeak.c/s=19 Wavelength=1375A	Qual= 4	FePeak=04:25 Exp #=89928	FePeak.c/s=5 Rast=0"x0" Rast=110"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+24"	XEN=9156U3 1.024s/pixel ', Yaw=+851"
DOY=156 Peak 06:33	End times	s CaPeak.c/s=24	Qua]=00 Qua]= 4	FePeak=06:32	FePeak.c/s=8 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=915604 1.024s/pixel
		Wavelength=1375A	æ	Exp #=89939	Rast=110"x200"	Step=5"	Pitch=+27"	, Yaw=+841"
DOY=156 Peak 07:25 07:27	End time 07:34 07:50	is Importance=M1 CaPeak.c/s=691	Qua]=05 Qua]= 5		FePeak.c/s=79 Rast=240"x240"	#Peaks=3 Step=15"	dt= 3.8s Cad= 262s	XEN=915605 1.024s/pixel
z)/	7:22 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 2695/51 4995/170	A Code=00 0 8800/280	Exp #=89943 ) 15400/120	Rast=30"x30"		1	

Peak  08:57  08:57  08:16  Importance=M1  Wavelength=1375A Code=00  Exp #=89950  DOY=156  End times  HaClass=SB  09:20  09:43  CaPeak.c/s=10  Wavelength=1375A  DOY=156  End times  HaClass=1B  Wavelength=1375A  DOY=156  End times  HaClass=1B  Navelength=1375A  Exp #=89954  DOY=156  DOY=156  Ili13  Mavelength=1375A  Exp #=89954  DOY=156  Ili15  Ili13  Mavelength=1375A  Exp #=89954  DOY=156  Ili15  Ili15  Ili15  Ili16	t # = 2285; 6/05,08:57	5 DOY=156								
Wavelength=1375A Code=00	Start 07:57 07:58	Peak 38:57 38:09	End t 09:16 08:11	E B	Qua]=02 Qua]= 2		FePeak.c/s=10			00000
DOY=156  Peak  HaClass=SB  S18E62  HaClass=SB  Qual=03  Qual=03  Qual=03  Qual=03  Wavelength=1375A  DOY=156  Exp #=89952  GaPeak.c/s=31  Wavelength=1375A  DOY=156  Exp #=89954  DOY=156  Mavelength=2788A  II:15  II:15  II:16  Wavelength=2788A  II:15  Wavelength=2788A  II:15  II:16  I	08:56	1 1 1		Wavelength=1375A		Exp #=89950	Rast=180"x180" Rast=30"x30"	Step=10" Step=5"	Cad= 332s 1 Pitch=+752",	1.024s/pixel !", Yaw=-305"
HaClass=SB S18E62  Qual=03  Qual=03  Qual=03  Qual=03  Qual=03  Qual=043  Qual=043  Qual=043  Qual=043  Qual=043  Qual=043  Qual=05  Qual=05  Exp #=89952  Qual=05  Qual=06  Exp #=89954  DOY=156  Mavelength=1375A  Exp #=89954  Exp #=89954  DOY=156  Mavelength=2788A  II:15  II:15  II:15  II:15  II:16  II:16  II:16  II:16  II:16  II:16  II:16  II:16  II:16  II:16  Qual=05  Qual=01  Incompanies  Qual=01  Qual=01  Incompanies  Qual=02  Qual=02  Repeak=12:47  Wavelength=2788A  Qual=02  Repeak=12:47  Wavelength=2788A  Qual=02  Exp #=89957  Qual=05  Repeak=11:15  Wavelength=2788A  Qual=02  Repeak=12:47  Wavelength=2788A  Qual=02  Repeak=12:47  Wavelength=2788A  II:34  II:34  II:35  Qual=02  Qual=05  Repeak=13:30  Qual=05  Repeak=13:30  Qual=05  Repeak=13:30  Qual=05  Repeak=13:30  Qual=05  Repeak=13:30  Qual=05  Repeak=13:30  Qual=05  Repeak=13:30  Repeak=13:30  Repeak=13:30	t # = 11385 6/05,09:20 Start		End	ES	S18E54		Pitch=+728", Yaw	, Yaw=-291", Ro	, Roll=90deg	H.Ang=56deg
09:17:41 09:20:58 Peakc/s=92 Qual=0 09:20 09:43 CaPeak.c/s=649 Qual= 1 Fepeak=09:19 Wavelength=1375A Exp #=89952 09:43 CaPeak.c/s=31 Qual= 5 Fepeak=09:43 Wavelength=1375A Exp #=89954 DOY=156 End times HaClass=18 S21E59 AR5521 11:17 11:53 Importance=M3 Qual= 0 11:15 11:15 Peakc/s=2639 Qual= 1 Fepeak=11:15 Wavelength=2788A Exp #=89957 11:16 11:16 CaPeak.c/s=46 Qual= 5 Fepeak=11:16 11:15	cal			Ħa.	\$18E62	AR5521	Mac.≖DKI	Carr.Lon.*156deg	.*156deq	H.Ana≖63dea
Wavelength=1375A	S 09:15:57 09:01	09:17 09:20	09:20:5 09:43	Peakc/s=92 CaPeak.c/s=649	Qual=01 Qual= 1	Tot Cts=4975 FePeak=09:19	MaxkeV=102 FePeak.c/s=165			
09:43	9:11			elength=137			Rast=180"x180" Rast=30"x30"	Step=10"	Cad= 332s 1	1.024s/pixel
Mavelength=1375A       Exp #=89954         DOY=156       SMM Pointing:       S18E54         Peak       S21E59       AR5521         11:17       11:53       Importance=M3       Qual=03         11:13:45       PeakC/s=2807       Qual=03       Tot Cts=1.66E+5         11:15       Inition Capeak.c/s=2830       Qual=03       Tot Cts=1.66E+5         11:15       Layelength=2788A       Exp #=89957         11:16       Layelength=2788A       Exp #=89957         11:54       12:03       CaPeak.c/s=46       Qual=5       FePeak=11:16         11:54       12:03       CaPeak.c/s=46       Qual=5       FePeak=11:55         11:54       12:03       CaPeak.c/s=46       Qual=5       FePeak=12:47         Mavelength=2788A       Exp #=89958         DOY=156       Exp #=89958         Mavelength=2788A       Exp #=89958         Beak       End times         13:30       13:37       CaPeak.c/s=41       Qual=05         Boocea       Exp #=89958	09:43	09:4	:43	CaPeak.c/s=31	ssociated Qual= 5		February C/s=5			, TdW=-312:
DOY=156  DOY=156  List  HaClass=1B  S21E59  AR5521  HaClass=1B  S21E59  AR5521  HaClass=1B  S21E59  AR5521  HaClass=1B  S21E59  AR5521  HaClass=1B  S21E59  AR5521  HaClass=1B  S21E59  AR5521  HaClass=1B  S21E59  AR5521  HaClass=1B  S21E59  AR5521  Havelength=2788A  Exp #=89957  FePeak=11:15  CaPeak.c/s=46  Qual=5  FePeak=11:55  Oual=02  Sample of times  Avelength=2788A  Exp #=89958  DOY=156  Peak  Exp #=89958  DOY=156  Peak  FePeak=12:47  Wavelength=2788A  FePeak=13:30  Gual=05  FePeak=13:30  Fereak=13:30  Fereak=13:30  Fereak=13:30	09:28			Wavelength=1375A		Exp #=89954	Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=3840s Pitch=+784"	AEN=913610 3840s/pixel ",Yaw=-326"
HaClass=18   S21E59   AR5521     11:13   Importance=M3   Qual=03   Tot Cts=1.66E+5     11:15   11:16   CaPeak.c/s=2639   Qual= 1   FePeak=11:15     Wavelength=2788A   Exp #=89957     11:16   11:16   CaPeak.c/s=46   Qual= 5   FePeak=11:16     Thick   Thick   CaPeak.c/s=46   Qual= 5   FePeak=11:16     Thick   Thick   CaPeak.c/s=46   Qual= 5   FePeak=11:16     Thick   Thick   CaPeak.c/s=46   Qual= 5   FePeak=11:16     Thick   Thick   CaPeak.c/s=46   Qual= 5   FePeak=11:16     Thick   Thick   CaPeak.c/s=143   Qual= 2   FePeak=12:47     Wavelength=2788A   Exp #=89958     Thick   Thick   CaPeak.c/s=41   Qual=05     Thick   Thick   Thick   CaPeak.c/s=41   Qual=05     Thick   Thic	.# = 11386 /05,11:17 _Start	DOY=156 Peak	End times	SMM Pointing:	S18E54		Pitch=+24", Yaw=	, Yaw=+782", Roll	, Roll=-20deg	H.Ang=56deg
11:15 11:15 CaPeakc/s=2807 Qual=03 Tot Cts=1.66E+5 11:15 11:16 CaPeak.c/s=2639 Qual= 1 FePeak=11:15	11:09	!	11:53		S21E59 Oual=03	AR5521	Mac.=DKI	Carr.Lon.=158deg	=158deg	H.Ang=61deg
#avelength=2788A	11:11	5	11:15:45 11:16		Qual=03 Qual= 1	Tot Cts=1.66E+5 FePeak=11:15	MaxkeV=231 FePeak.c/s=1142	Flags=M5,EN #Peaks=1 dt	EN dt= 3,8c	XEN=015611
11:16	11:44	1		Wavelength=2788A	•		Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-94"	
11:54 12:03 CaPeak.c/s=46 Qual= 5 FePeak=11:55  D0Y=156 Peak  12:47 12:49 CaPeak.c/s=143 Qual= 2 FePeak=12:47  Wavelength=2788A Exp #=89958  D0Y=156 Peak End times  Qual=05  Qual=05  Qual=05  Qual=05  Qual=05  Qual=05  Qual=05  Qual=05  Qual=05  Qual=05		1 1		aPeak.c/s=46	Sociated Qual= 5	357	FePeak.c/s=78	#Peaks=1	dt= 3 8c	YEN=015610
DOY=156 Peak End times  12:47 12:49	:53	1:54	1	caPeak.c/s=46	Socrated Qual= 5	Event # = 22858 FePeak=11:55	1 =		١.	XEN=915613
12:47 12:49	# = 22859 /05,12:47 Start		End times							
DOY=156 Peak End times Qual=05 13:30 13:37 CaPeak.c/s=41 Qual= 4 FePeak=13:30	12:21 12:41	:47		ak.c/s=143 length=27884		ak=12:47	FePeak.c/s=14 Rast=240"x240"	#Peaks=2 Step=15"	dt= 7.7s Cad= 262s	XEN=915614 1.024s/pixel
DOY=156  Peak End times  Qual=05  13:30	# = 22860					00660-#				Yaw=+700"
Qual=05		156	End times							
:16 Wavelenoth=27884	13:26		37							XFN=015615
₩ GYU # GY	Ξ:		-5	Wavelength=2788A		Exp #=89959 F	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s ] Pitch=-92".)	1.024s/pixel Yaw=+697"

Event # = 22861 89/06/05,14:17 60ES 8CS 14:05 FCS 14:15 UVSP 14:15	D0Y=156 Peak 14:17	End times 14:21	CaPeak.c/s=73 Wavelength=2788A	Qual=02 Qual= 3	FePeak=14:17 Exp #=89960	FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 262s Pitch=-90",	XEN=915616 1.024s/pixel ,Yaw=+692"
Event # = 22862 89/06/05,15:19 Start GOES BCS 15:11 FCS UVSP 15:47	DOY=156 Peak 15:19	End times 15:32	CaPeak.c/s=39 Wavelength=2788A	Qua]=00 Qual= 1	FePeak=15:21 Exp #=89962	FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-87",	XEN=915617 1.024s/pixel ,Yaw=+685"
Event # = 11388 89/06/05,16:03 Start Optical GOES 15:42 HXRBS 15:44:40 BCS 15:37 FCS UVSP 15:47	D0Y=156 Peak 16:03 15:45:18	End times 16:18 15:46:04 15:54	SMM Pointing: HaClass=SF Importance=C5 Peakc/s=48 CaPeak.c/s=264 Wavelength=2788A	\$18E51 \$20E57 Qual=02 Qual=1 Qual= 1 Code=01	AR5521 Tot Cts=405 FePeak=15:46 Exp #=89962	Pitch=+33", Yaw= Mac.=DKI MaxkeV=102 FePeak.c/s=42 Rast=180"x180" Rast=180"x1"	+759" Carr #Pea Step Step	88 32s -87"	H.Ang=53deg H.Ang=59deg XEN=915618 1.024s/pixel ,Yaw=+685"
Event # = 22863 89/06/05,17:01 Start Optical Optical GOES BCS 16:31 FCS 16:31 UVSP 17:19	DOY=156 Peak 17:01	End times 17:27	HaClass=SF HaClass=SF CaPeak.c/s=127 Wavelength=2788A	\$20E60 \$18E73 Qual=00 Qual= 1	AR5521 AR5524 FePeak=16:59 Exp #=89964	Mac.=DKI FePeak.c/s=23 Rast=240"x240" Rast=180"x1"	Carr.Lon.=154deg Carr.Lon.=141deg #Peaks=2 dt= 3. Step=15" Cad= 2 Step=0" Pitch=	=154deg =141deg dt= 3.8s Cad= 262s Pitch=-84"	H.Ang=62deg H.Ang=74deg XEN=915619 1.024s/pixel 'Yaw=+677"
Event # = 22864 89/06/05,18:05 Start GOES BCS 18:05 FCS UVSP 17:56 Radio Frequen	= 22864 ,18:05	End times 18:10  ux(sfu):	CaPeak.c/s=19 Wavelength=2788A 410/140	Qual=00 Qual= 5	FePeak=18:05 Exp #=89965	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-83"	XEN=915620 1.024s/pixel , Yaw=+674"
Event # = 11387 89/06/05,18:21 Start Optical GOES HXRBS 18:18:48 UVSP 17:56 Radio Sweeps Radio Frequen	DOY=156 Peak 18:21:32 Cy (MHz)/F	# = 11387 05,18:21 DOY=156 Start Peak End times 1 18:18:48 18:21:32 18:22:42 17:56 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	SMM Pointing: \$18E HaClass=1N \$20E Peakc/s=64 Qual Wavelength=2788A V/2 245/62 410/56 606/110	\$18E50 \$20E18 Qual=03 Qual=11	AR5517 Tot Cts=4563 Exp #=89965	Pitch=+36", Yaw= Mac.=EAI Maxkev=102 Rast=180"xI"	,Yaw=+749",Roll Carr.Lon. Flags=DG, 1" Step=0"	749",Roll=-20deg Carr.Lon.=195deg Flags=DG,ND Step=O" Pitch=-83"	H.Ang=52deg H.Ang=27deg ,Yaw=+674"

		#Peaks=1 dt= 7.7s XEN=915621 Step=0" Cad=1.02s 1.024s/pixe1 Step=0" Pitch=-81", Yaw=+668"		dt= 3.8s	Step=15" Cad= 262s 1.024s/pixel Step=0" Pitch=-81", Yaw=+668"	9", Roll=-20deg H.Ang=51deg	dt= 7.7s	Step=15" Cad= 262s 1.024s/pixel Step=5" Pitch=+43", Yaw=+771"	", Roll=-20deg H.Ang=50deg	Carr.Lon.=159deg H.Ang=55deg	dt= 7 7s	Step=10" Cad= 332s 1.024s/pixel Step=1" Pitch=+37", Yaw=+759"	Step=5" Pitch=+9", Yaw=+781"			#Peaks=1 dt= 7.7s XEN=915700	
		FePeak.c/s=13 #F Rast=0"x0" St Rast=180"x1" St			Rast=240"x240" St Rast=180"x1" St	Pitch=+39", Yaw=+739", Roll=-20deg		Rast=240"x240" St Rast=30"x30" St	Pitch=+44", Yaw=+726",	Mac.=DKI Ca	MaxkeV=858 F1. FePeak_C/s=3122 #Pi	Rast=180"x180" Rast=9"x9"				FePeak.c/s=7 #Pe	
		FePeak=18:42 Exp #=89966		FePeak=18:56	Exp #=89966	THE REAL PROPERTY OF THE PROPE	Tot Cts=5416 FePeak=20:10	Exp #=89971		AR5521	Tot Cts=6.22E+5 FePeak=21:37	Exp #=89978 15400/840	Event # = 11390 Tot Cts=275 Exp #=89976	5 D0Y=157		FePeak=00:47	
	Qua]=00	Qual= 1		Qual=00 Qual= 1		S18E49	Qual=03 Qual=01 Qual= 1	Code=00	S18E48	\$21E52 Qual=03	Qual=01 Oual= 1	Code=00 0 8800/410	sociatec Qual=01	90/90/68	6	(ual=00 (ual= 4	
		CaPeak.c/s=42 Peak3c/s=11 Wavelength=2788A		CaPeak.c/s=44	Wavelength=2788A	SMM Pointing:	<pre>Importance=M1 Peakc/s=91 CaPeak.c/s=823</pre>	Wavelength=1375A	SMM Pointing:	HaClass=2B Importance=X1	Peakc/s=6637 CaPeak.c/s=6734	Wavelength=1375A 2695/190 4995/540				CaPeak.c/s=19	
ĺ	End times	76:81	End times	19:00		pomit bud	20:1		Fnd + impo	22:24	21:51:09 21:36:00 22:00	ıx(sfu):	1:28:28		End times	00:51	
D0Y=156	Peak	18:44 18:42	D0Y=156 Peak	18:57		DOY=156	20:13 20:09:04 20:11		DOY=156 Peak	21:38	21:35:36 21:37	:y (MHz) /F	21:27:52		D0Y=157 Peak	00:47	
Event # = 22865 89/06/05,18:44	Start	18:53	vent # = 22866 9/06/05,18:57 Start	18:54	18:53	# = 11389 $05, 20: 13$ $Start$	0ES 19:55 XRBS 20:07:35 CS 19:37	20:01	Event # = 11391 89/06/05,21:38 Start	21:33	21:32:56 21:35:00 21:10	21:34 Frequency(MHz)/Flux(sfu)	21:27:44 21:27:52 2 21:17	# = 22867	89/06/06,00:47 Start	00:47	
Event 89/06/	GOES	ers evs evs	Event 89/06/	GOES BCS FCS	UVSP	Event 89/06/	GOES HXRBS BCS BCS	UVSP	Event 89/06/	Optica GOES	GRS GRS BCS	FCS UVSP Radio	HXRBS UVSP	Event #	89/06/(	BCS FCS	3

inportance=6	27	d times		S20E50	AR5521		"	,	H.Ang=53deg
End times  End times  CaPeak.c/s=27  Qual=00  CaPeak.c/s=27  Qual=00  CaPeak.c/s=27  Qual=00  Exp #=89988  Rast=180"x1" S  Mavelength=1375A  Exp #=89990  Rast=240"x240" S  Rast=180"x1" S  Rast=180"x1" S  Rast=180"x1" S  Rast=180"x1" S  Qual=00  CaPeak.c/s=398  Qual=03  Exp #=89990  Rast=26"x26" S  Rast=180"x1" S  Rast=180"x1" S  Rast=180"x1" S  Rast=180"x1" S  Rast=180"x1" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=240"x240" S  Rast=280"x11" S  Rast=180"x11" S  Rast=240"x240" S  Rast=180"x11" S  Rast=180"x11" S  Rast=180"x11" S  Rast=180"x11" S  Rast=180"x11" S  Rast=180"x11" S  Rast=180"x11" S  Rast=240"x240" S  Rast=180"x11" S  Rast=180"x11" S  Rast=240"x240" S  Rast=180"x11" S  Rast=180"x11" S  Rast=240"x240" S  Rast=180"x11" S  Rast=240"x240" S  Rast=180"x11" S		02:04 1	tance=M2 k.c/s=154 ength=2788	Qual=02 Qual= 2 F Code=01 E	-ePeak=01:09 :xp #=89987	FePeak.c/s=23 Rast=240"x240" Rast=180"x1"	aks=2 !p=15" !p=0"	: 3.8s  = 262s :ch=-69	XEN=915/01 1.024s/pixel ", Yaw=+635"
End times  Oual=00  End times  Oual=07:29  CaPeak.c/s=21  Qual=03  Exp #=89990  Rast=26"x06" S  Wavelength=1375A  Exp #=89990  Rast=26"x06" S  Rast=26"x06" S  Oual=03  O7:22  CaPeak.c/s=398  Qual=03  End times  End times  Importance=M3  Qual=05  End times  In:24  Wavelength=2788A  CaPeak.c/s=60  Wavelength=2788A  CaPeak.c/s=60  CaPeak.c/s=60  Qual=05  End times  End times  Importance=M3  Qual=05  Exp #=90010  Rast=240"x240"  Rast=240"x240"  Rast=180"x180"  Rast=180"x180"  Rast=180"x180"  End times  In:24  Wavelength=2788A  CaPeak.c/s=97  Qual=05  End times  End times  In:24  Rast=180"x180"  Rast=180"x180"  End times  In:24  CaPeak.c/s=99  Qual=05  Exp #=90017  Rast=180"x1"  Rast=180"x1"  Rast=180"x1"  Rast=180"x1"  Rast=180"x1"  Rast=180"x1"  Ravelength=2788A  CaPeak.c/s=186  Rast=180"x1"  Ravelength=2788A  CaPeak.c/s=180"x1"  Ravelength=2788A  CaPeak.c/s=180"x180"  Rast=180"x180"  Rast=240"x240"  Rast=240"x240"  Rast=180"x1"  Rast=180"x1"  Ravelength=2788A  CaPeak.c/s=180"x1"  Ravelength=2788A  CaPeak.c/s=186  Rast=180"x1"  Ravelength=2788A  CaPeak.c/s=180"x1"  Rast=180"x1"  Ravelength=2788A  CaPeak.c/s=180"x1"  Ravelength=2788A  CaPeak.c/s=186  Rast=180"x1"  Ravelength=2788A  Rast=240"x240"  Rast=180"x1"  Rast=240"x240"  Rast=180"x1"  Ravelength=2788A  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"  Raye=180"x1"		02:37	CaPeak.c/s=227 Wavelength=278	Sociated   Qual= 5	Event # = 22869 Fepeak=01:49 Exp #=89988	FePeak.c/s=9 Rast=240"x240" Rast=180"x1"	eaks=1	ν <sub>2</sub> ο	=915702 24s/pixe1 =+631"
End times  O7:22  CaPeak.c/s=398  Qual=03  O7:22  Wavelength=1375A Code=00  Exp #=90005  Rast=180"x180"  Wavelength=1375A Code=00  Exp #=90005  Rast=240"x240"  Wavelength=1375A  End times  End times  Wavelength=2788A Code=00  CaPeak.c/s=97  Mavelength=2788A  End times  End times  End times  End times  FePeak.c/s=6  Qual=05  Rast=240"x240"  Rast=180"x10"  Rast=180"x10"  Rast=180"x10"  Rast=180"x10"  FePeak.c/s=297  Rast=180"x10"  Wavelength=2788A  End times  End times  Incortance=C5  Qual=05  End times  Rast=180"x10"  Rast=180"x10"  Rast=180"x10"  Rast=180"x10"  Rast=240"x240"  Rast=180"x10"  Rast=180"x10"  Rast=240"x240"  Rast=180"x10"  Rast=240"x240"  Rast=240"		End times 03:29			e .	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+64",	XEN=915703 1.024s/pixel ",Yaw=+704"
End times  Wavelength=1375A  Exp #=90010  Rast=240"x240"  Wavelength=1375A  Exp #=90010  Rast=240"x240"  End times  I1:24  CaPeak.c/s=1992  Qual=05  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Rast=1297  Rast=180"x1"  Associated Event # = 22874  Associated Event # = 22874  I1:41  CaPeak.c/s=97  Qual=05  FePeak.c/s=6  I1:41  Rast=180"x1"  FePeak.c/s=12  Rast=180"x1"  FePeak.c/s=12  Rast=180"x1"  Wavelength=2788A Code=00  Exp #=90017  Rast=240"x240"  Rast=240"x240"  Rast=280"x240"  Rast=240"x240"  Rast=180"x1"	1.0	End times 07:16 07:22	rtance=C8 ak.c/s=398 length=1375A			FePeak.c/s=50 Rast=180"x180" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Cad= 332s Pitch=+59",	XEN=915704 1.024s/pixel ",Yaw=+696"
End times Importance=M3 Qual=05 FePeak=11:05 FePeak.c/s=297 Rast=240"x240"	57	End times 08:54			FePeak=08:23 Exp #=90010	FePeak.c/s=6 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+66"	XEN=915705 1.024s/pixel ", Yaw=+724"
11:41	27	End time 11:27 11:24		Qual=05 Qual= 5 \ Code=00	FePeak=11:05 Exp #=90016 Event # = 2287	FePeak.c/s=297 Rast=240"x240" Rast=180"x1"		dt= 3.8s Cad= 262s Pitch=-48",	XEN=915706 1.024s/pixel 1.74m=+576" YEN=015707
157 End times 5 12:47 Importance=C5 Qual=O5 8 12:58 CaPeak.c/s=186 Qual= 5 FePeak=12:37 FePeak.c/s=12 8 12:58 Wavelength=2788A Code=OO Exp #=90018 Rast=180"x1"	1	11:41	CaPeak.c/s=97 Wavelength=2788⊅	Qual= 5		FePeak.c/s=6 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	ot= /./s Cad= 332s Pitch=-45"	1.024s/pixel , Yaw=+570"
	I 10 co	End time: 12:47 12:58	Imp CaP Wav			FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 262s Pitch=-44"	XEN=915708 1.024s/pixel , Yaw=+56/"

89/06/	89/06/06,14:47 Start	D0Y=157 Peak	End times	SMM Pointing:	S18E39		Pitch=+78", Ya	, Yaw=+632", Roll=-20deg	]=-20deg	H.Ang=42deg	
HXRBS BCS FCS UVSP	14:45:04 14:46 14:44	1 14:45:20 14:47	0 14:46:18 14:51	Peakc/s=50 CaPeak.c/s=47 Wavelength=1375A	Qual=01 Qual=01 Qual= 1	Tot Cts=405 FePeak=14:47 Exp #=90026	MaxkeV=102 FePeak.c/s=12 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 262s Pitch=+76"		
Event # 89/06/0	Event # = 11395 89/06/06,16:36 Start	) DOY=157 Peak	Fnd times	SMM Pointing:	S18E37		Pitch=+88", Yav	, Yaw=+612". Rol	, ,		
Optical GOES HYDDS	16:31	16:36	16:47	HaClass=SN Importance=Ml		AR5521	Mac.≖EKI	Carr. Lon. =160deg	.=160deg	H.Ang=41deg	
BCS FCS UVSP	16:32 16:32 16:32	16:35 16:35	5 16:36:46 16:39				MaxkeV=187 FePeak.c/s=192 Rast=240"x240"	Flags=M5 #Peaks=1 Sten=15"	dt= 3.8s X	XEN=915710	
Even+	11405			Mavelengtn=13/5A	code=00	Exp #=90037	Rast=10"x10"			", Yaw=+578"	
89/06/0	89/06/06,17:25 Start	D0Y=157 Peak	End times	S	S18E37		Pitch=+88", Yaw	, Yaw=+612", Roll	, Roll=-20deg	H.Ang=41deg	
Optical Optical GOES				HaClass=SF HaClass=SN	\$17E02 \$19E41	AR5517 AR5521	Mac.=EAI	Carr.Lon.=198deg Carr.Lon.=159deg		H.Ang=17deg	
HXRBS BCS FCS	:27	17:16:04 17:25	17:16:31 18:10	Peakc/s=39 CaPeak.c/s=173	Qual=01 Qual=01 Qual= 4	Tot Cts=496 FePeak=17:22	MaxkeV=102 FePeak.c/s=22		7	fire fire	
UVSP	17:24			Wavelength=1375A		Exp #=90040	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s 1 Pitch=+114".	.Yaw=+568"	
Event # 89/06/06	Event # = 11396 89/06/06,19:26 Start	D0Y=157 Peak	End times	SMM Pointing:	S18E36		Pitch=+92", Yaw=+601", Roll=-20deg	-+601", Roll		H.Ang=40deg	1
HXRBS 1	19:26:07 19:24	19:26:57	19:27:05	Peakc/s=66 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=366 Exp #=90053	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=+64" V==+67E	. 329T=77E	
Event # = 22877 89/06/06,20:27 Start	i	DOY=157 Peak	End +imes					-		6 /0-	1
Optical GOES			S	HaClass=SF	S18E38	AR5521	Mac.=EKI	Carr.Lon.=161deq		H. Ana=41dea	
		20:27	20:36	CaPeak.c/s=31	Qual= 4	FePeak=20:26	FePeak.c/s=6	_	75	(FN=915712	
	20:25			Wavelength=1375A		Exp #=90056	Rast=0"x0" Rast=265"x265"	= =	Cad=1.02s 1 Pitch=+105"	1.024s/pixel   Yaw=+600"	
t # 5/06 S	00	D0Y=157 Peak	End times								ı
805 575 575	20:55 2	20:56	21:07 (	CaPeak.c/s=52 (	Qual=00 Qual= 1 F	FePeak=20:56	FePeak.c/s=17			C - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
UVSP 20	):45		-	Wavelength=1375A	<b></b>		Rast=240"x240" Rast=30"x30"	Step=15" Step=5"	ut= 3.85		
									-		

Event # = 22879 89/06/06,22:40 Start GOES BCS 22:00 FCS UNSP 22:34	D0Y=157 Peak 22:40	End times 22:44 (	CaPeak.c/s=73 Wavelength=1375A	Qual=00 Qual= 1	FePeak=22:39 Exp #=90069	FePeak.c/s=12 Rast=240"x240" Rast=30"x30"	#Peaks=3 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+97",	XEN=915714 1.024s/pixel ,Yaw=+639"
Event # = 22880 89/06/06,23:56 Start Optical GOES BCS 23:56	DOY=157 Peak 23:56	End times 00:00	Class=SF <.c/s=25	\$18E36 Qual=00 Qual= 4	AR5521 FePeak=23:56	Mac.=EKI FePeak.c/s=8 Rast=0"x0"	ë <b>-</b> -	7s 02s	H.Ang=40deg XEN=915715 1.0245/pixel
UVSP 00:15		ORDER TO THE PROPERTY OF THE P	Wavelength=2788A	20/90/68	Exp #=90071 DOY=158	Rast=180"x1"	Step=0"		, Yaw=+491
Event # = 11397 89/06/07,00:02 Start	DOY=158 Peak	End times	SMM Pointing:	S18E34		Pitch=+103", Yaw=+571"	=+571", Rol	, Roll=-20deg	H.Ang=38deg
GOES HXRBS 00:01:56 BCS 00:02 FCS UVSP 00:15		00:02:30 00:04	Peakc/s=116 CaPeak.c/s=29 Wavelength=2788A	Qual=00 Qual=01 Qual= 4	Tot Cts=390 FePeak=00:02 Exp #=90071	MaxkeV=102 FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-14",	XEN=915800 1.024s/pixel , Yaw=+491"
Event # = 11398 89/06/07,00:09 Start	DOY=158 Peak	End times	SMM Pointing:	S18E34		Pitch=+103",Yaw	,Yaw=+571",Roll=-20deg	]=-20deg	H.Ang≈38deg
GOES HXRBS 00:09:11 UVSP 00:15		00:09:52	Peakc/s=68 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=584 Exp #=90071	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-14"	, Yaw=+491"
Event # = 22881 89/06/07,01:00 Start Optical GOES 00:59 ECS 00:59 UVSP 00:50	D0Y=158 Peak 01:00	End times 01:16	HaClass=SF CaPeak.c/s=65 Wavelength=2788A	\$20E37 Qual=04 Qual= 1	AR5521 FePeak=01:00 Exp #=90072	Mac.=EKC FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	Carr.Lon.=159deg #Peaks=1 dt= 3. Step=15" Cad= 2 Step=0" Pitch=	=159deg dt= 3.8s Cad= 262s Pitch=-13"	H.Ang=41deg XEN=915801 1.024s/pixe1 ,Yaw=+487"
Event # = 11399 89/06/07,01:55 89/06/07,01:55 Optical GOES 01:32 HXRBS 01:32 FCS 01:29 FCS 01:29 RAdio Frequenc	DOY=158 Peak 01:55 3 01:35:03 01:53	End times 03:25 01:54:34 01:55 ux(sfu):	SMM Pointing: \$18E33  HaClass=SN \$21E36  Importance=M3 Qual=03  Peakc/s=1163 Qual=01  CaPeak.c/s=2080 Qual= 3  Wavelength=2788A Code=00  8800/220 15400/160	\$18E33 \$21E36 Qual=03 Qual=01 Qual= 3 Code=00	AR5521 Tot Cts=70673 FePeak=01:37 Exp #=90073	Pitch=+107", Yaw Mac.=EKC MaxkeV=187 FePeak.c/s=491 Rast=240"x240" Rast=180"x1"	Flags Flags Flags Flags Step= Step=	,Roll=-20deg Lon.=160deg =M5	H.Ang=37deg H.Ang=41deg XEN=915802 1.024s/pixel ', Yaw=+481"

98/06/07/03:15 DDP=156	vent # =	22882						11.			
03:15  03:27	3/06/07,( Sta	03:15 art	DOY=158 Peak	End time	150						
Mayor   End times		:32		03:27	Peak.c/s=17	Qual=01 Qual= 1		FePeak.c/s=17		dt= 7 7c	YEN=016903
DOY=158   End times	'SP 03:	:21			<b>&gt;</b>	⋖	Exp #=90075	Rast=180"x180" Rast=180"x1"		Cad= 332s Pitch=-6",	1.024s/pixel Yaw=+470"
HaClass=SN   S18E32   AR5521   Hac.=EKC   Carr.Lon.=163deg	ent # = /06/07,0 Sta	11400 )3:26 irt	1	End time	SMR	S18E31		Pitch=+114", Yaw	/=+540", Rol	]=-20deg	H.Ang≖36deg
03:26:46 03:27:03 Peakc/s=40  DOY=158 End times Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=2788A Havelength=1375A Havele	tical ES				HaClass=	\$18E32	AR552	Mac.=EKC	Carr.Lon.	=163deg	H.Ang=36deg
DOY=158         End times         SMM Pointing:         S18E31         Pitch=+118", Yaw=+530", Roll=-20deg           Peak         1.0         138E31         AR5521         Hac.=EKC         Carr.Lon.=160deg           04:46:55         04:46:55         04:46:55         04:46:55         04:46:55         04:46:55           04:46:55         04:47:07         PeakC/s=18         Qual=01         Tot Cts=580         Maxkev=102         Feekas=2 dt= 7.7s           04:45         04:46         50:501         CaPeak.c/s=318         Qual=01         Tot Cts=262         Rast=240"x240"         Step=5"         Pitch=-2"           DOY=158         End times         SMM Pointing:         \$18E31         Pitch=+118", Yaw=+530", Roll=-20deg         Peakses=100         Pitch=+118", Yaw=+530", Roll=-20deg           DOY=158         End times         Wavelength=1375A         Exp f=90079         Rast=740"x240"         Step=5"         Pitch=+134           DOY=158         End times         SMM Pointing:         \$18E30         AR5521         Maxkev=102         Amxkev=102         Pitch=+134           DOY=158         End times         SMM Pointing:         \$18E30         AR5521         Maxkev=102         Amxkev=102         Amxkev=102         Amxkev=102         Amxkev=102         Pitch=+134	.RBS 03: 'SP 03:	.26:37 .21		03:27	kc/s=40 elength=2788	_	Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-6",	Yaw=+470"
04.46:55 04.47:07 PeakC/s=58 Qual=03 Tot Cts=580 Paxev=102 Peak.c/s=36 #Peaks=2 dt=7.75 Qual=03 Qual=03 Peak Cds=36 #Peaks=2 dt=7.75 Qual=03 Qual=03 Peak Cds=36 #Peaks=2 dt=7.75 PeakC/s=38 Qual=01 Tot Cts=580 Pitch=118", Yaw=+530", Roll=-20deg Qual=01 Tot Cts=262 Peak.cds=36 #Peaks=1 dt=7.75 Peak Cds=262 Peak	ent # = /06/07,0 Sta	11401 14:55 irt	DOY=158 Peak	t i me	SE	S18E31	NO COLUMN TO THE REAL PROPERTY OF THE PROPERTY	Pitch=+118", Yaw	=+530", Roll	]=-20deg	H.Ang=35deg
04:45 04:47:07 PeakC/s=58 Qual=01 Tot Cts=580	tical ES				HaClass=S	S18E34	AR5521	Mac.=EKC	Carr.Lon.₌	=160deg	H.Ang=38deg
DOY=158	S 04:1	46:01 06	04:46:5 04:55		c/s=58 ak.c/s=31	Qual=01 Qual= 3	Tot Cts=580 FePeak=04:54	MaxkeV=102 FePeak.c/s=36	#Peaks=2		XFN=015804
DOY=158 End times  SMM Pointing: S18E31  Pritch=+118", Yaw=+530", Roll=-20deg  06:56 06:10  06:56 06:10  06:56 06:10  CaPeak.c/s=60  04al=01  Tot Cts=262  RaxkeV=102  Rast=240"x240" Step=15"  Rast=240"x240" Step=15" Pritch=+118", Yaw=+530", Roll=-20deg  Rast=240"x240" Step=15" Pritch=+118", Yaw=+530", Roll=-20deg  Rast=240"x240" Step=15" Pritch=+118", Yaw=+530", Roll=-20deg  Rast=240"x240" Step=15" Pritch=+118" Pritch=+118", Yaw=+530", Roll=-20deg  Rast=240"x240" Step=15" Pritch=+118" Pritch=+118", Yaw=+530", Roll=-20deg  Rast=240"x240" Step=15" Pritch=+118"	SP 04:		6.					Rast=240"x240" Rast=180"x1"	Step=15" Step=0"		1.024s/pixel Yaw=+459
05:56 06:10	ent # = //06/07,00		DOY=158 Peak	End times		S18E31	month, and	Pitch=+118", Yaw	=+530", Roll	=-20deg	H. Ang=35deg
DOY=158    Mavelength=1375A   Exp #=90079   Rast=240"x240"   Step=15"	388 05:5 88 05:5 88 05:4	50:22 44	05:50:43 05:56	05:51:04 06:10	- R	Qual=00 Qual=01 Qual= 1	Tot Cts=262 FePeak=05:59	MaxkeV=102 FePeak.c/s=8		dt= 7 7c	X
DOY=158         SMM Pointing:         S18E30         Pritch=+122", Yaw=+520", Roll=-20deg           Peak         End times         HaClass=SF         \$18E33         AR5521         Mac.=EKC         Carr.Lon.=159deg           07:32:46 07:33:08         Peakc/s=49         Qual=01         Tot Cts=214         Maxkev=102         Rast=30"x30"         Step=5"         Pitch=+134"           DOY=158         SMM Pointing:         \$18E30         Pitch=+122", Yaw=+520", Roll=-20deg         Pitch=+132"         Pitch=+134"           Peak         Lon class=SF         \$18E30         Pitch=+122", Yaw=+520", Roll=-20deg         Pitch=+134"           Peak         Lon class=SF         \$18E30         Pitch=+122", Yaw=+520", Roll=-20deg           Peak         HaClass=SF         \$18E30         Pitch=+122", Yaw=+520", Roll=-20deg           Peak         Lon class=SF         \$18E30         Pitch=+122", Yaw=+520", Roll=-20deg           Peak         Color:31:31         Peakc/s=50         Qual=01         Tot Cts=210         Maxkev=102         Reep=s         FePeak.c/s=26         #Peaks=1 dt= 3.8s           Poy:34         07:34         07:54         Capeak.c/s=133         Qual=01         Peak.e.c/s=26         Peaker=240"x240"         Step=5"         Pitch=+134"	P 05:4	44			elength=137		Exp #=90079	Rast=240"x240" Rast=70"x70"		Cad= 262s Pitch=+110'	
07:32:46 07:33:08	nt # = ] 06/07,07 Star	11405 7:32 rt	DOY=158 Peak	End times	1	S18E30		Pitch=+122", Yaw	=+520", Roll		H. Ang=34deg
07:32:46 07:33:08 Peakc/s=49 Qual=01 Tot Cts=214 Rastev=102  Boy=158 End times HaClass=SF S18E30 Peak  O7:31:07 07:31:31 Peakc/s=50 Qual=01 Tot Cts=210 Pitch=+122", Yaw=+520", Roll=-20deg  O7:32:46 07:33:08 Peakc/s=49 Qual=01 Tot Cts=214 Peak=102 Pitch=+122", Yaw=+520", Roll=-20deg  O7:31:07 07:31:31 Peakc/s=50 Qual=01 Tot Cts=210 Paxkev=102 Peaks Peaks=1 At= 3.8s  Rast=240"x240" Step=15" Pitch=+134  Rast=240"x240" Step=15" Cad= 262s  Rast=240"x240" Step=15" Cad= 262s  Rast=240"x240" Step=15" Cad= 262s  Rast=30"x30" Step=5" Pitch=+134	ical S				Class=S	\$18E33	AR5521	Mac.=EKC	Carr.Lon.≖	159deg	H.Ang=37deg
DOY=158	BS 07:3	32:26 18		07	Peakc/s=49 Wavelength=1375A			MaxkeV=102 Rast=30"x30"	ئ ت	Pitch=+134"	
HaClass=SF S18E33 AR5521 Mac.=EKC Carr.Lon.=159deg 07:31:07 07:31:31 Peakc/s=50 Qual=01 Tot Cts=210 Maxkev=102 07:34 07:54 CaPeak.c/s=133 Qual=1 FePeak=07:34 FePeak.c/s=26 #Peaks=1 dt= 3.8s Navelength=1375A Exp #=90082 Rast=30"x240" Step=15" Cad= 262s	nt # = 1 06/07,07 Star	11404 7:34	DOY=158 Peak		Pointing	S18E30			Roll.	=-20deg	·
07:30:49 07:31:07 07:31:31 Peakc/s=50 Qual=01 Tot Cts=210 MaxkeV=102 07:31 07:34 07:54 CaPeak.c/s=133 Qual=1 FePeak=07:34 FePeak.c/s=26 #Peaks=1 dt=3.8s 07:18 Wavelength=1375A Exp #=90082 Rast=30"x30" Step=5" Pitch=+134"	ica] S	ı			Class=SF	\$18E33 0ual=00	AR5521	Mac.=EKC	Carr.Lon.≖	159deg	H.Ang≈37deg
07:18   Wavelength=1375A   Exp #=90082   Rast=30"x240"   Step=15"   Cad= 262s   Pitch=+134"	BS 07:3 07:3	30:49 (	07:31:07 07:34	07:31:31 07:54		Qual=01 Qual= 1	Tot Cts=210 FePeak=07:34			it ≠ 3.8s	XFN=915806
	07	<b>∞</b> .			Wavelength=1375A		Exp #=90082			Cad= 262s >itch=+134"	1.024s/pixel, Yaw=+558"

DOY=158 DOY=13	Event # = 114	10		SMM Pointing:	S18E29		Pitch=+125", Yaw=	, Yaw=+510", Roll:	, Roll=-20deg	H.Ang≖34deg
007-158 End times   Wavelength=1375A	59/06/0/,0/.3 Start Optical	Peak	time	Class=SF	S18E33	AR5521	Mac.=EKC	Carr.Lon.=		H.Ang=37deg
DOY=158 End times  Beak Color of times  Beak Pointing: Sibric of times  Beak Color of times  Beak Color of times  Beak Pointing: Sibric of times  Beak Color of times  Beak Pointing: Sibric of times  Beak Pointing: Sibric of times  Beak Pointing: Sibric of times  Beak Beak Color of times  Beak Beak Lof of times  Beak Pointing: Sibric of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak Beak Lof of times  Beak B	GOES HXRBS 07:38: UVSP 07:34		07:38:53	c/s=53  ength=1375A		Cts=147 #=90084	MaxkeV=102 Rast=30"x30"		Pitch=+135"	, Үам=+556"
007-158 End times  008-158 End t	Event # = 114 89/06/07,08:0	.06 2 DOY=158	3	α.	S18E29		Pitch=+125",Yaw	=+510",Roll	=-20deg	H.Ang=34deg
DOY=158         End times         Qual=00         FePeak=09:32         FePeak C/s=6         #Peaks=1         dt= 7/5s           DOY=158         Have length=2788A         Exp #=90087         Rast=115"x115" Step=5" Pitch=+136         Pitch=+136           DOY=158         Have length=2788A         Exp #=90087         Rast=243"x243" Step=3" Pitch=+136           DOY=158         Have length=2788A         Qual=05         FePeak=10:16         Rest=240"x240" Step=3" Pitch=+1311           DOY=158         SMM Pointing:         S18E27         Pitch=+133" Pitch=+131" Pit	Start GOES HXRBS 08:02: UVSP 07:52	Peak 15 08:02:2;	. 08:0	c/s=45  ength=1375A	Qual=00 Qual=01	Cts=12 #=9008	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+121"	, Yaw=+582"
0ual=00 0ua	Event # = 228 89/06/07,09:3		End							
DOY=158         Exp #=90087         Rasi=243"%243"         Step=3"         Pitch=+136           Peak         HaClass=1N         \$16E35         AR5521         Hac.=EKC         Carr.Lon.=156deg           10:16         10:19         Importance=M2         Qual=05         FePeak=10:16         FePeak:C/s=6         #Peaks=1         dt= 3.8s           10:16         10:19         Importance=M2         Qual=05         Exp #=90088         Rast=180"x1"         \$tep=0"         Pitch=+13."           DOY=158         SMH Pointing:         \$18E27         Pitch=+133", Yaw=+490", Roll=-20deg         Pitch=+133", Yaw=+490", Roll=-20deg           DOY=158         Ini:15         Importance=M1         Qual=01         FePeak:C/s=98         #Peaks=1         dt= 7.7s           10:52         11:15         Importance=M1         Qual=01         FePeak:C/s=98         #Peaks=1         Acsecolar Step=0"         Pitch=+133", Yaw=+490", Roll=-110deg           DOY=158         Ini:11         CaPeak:C/s=592         Qual=01         FePeak=10:52         Rast=180"x1"         \$tep=0"         Pitch=+12           DOY=158         SMH Pointing:         \$18E26         Qual=01         Tot Cts=570         MaxkeV=102         Pax=146", Roll=-110deg           DOY=158         End times         SMH Pointing: <t< td=""><td>GOES 30:30</td><td>09:32</td><td>~~</td><td></td><td>Qual=00 Qual= 4</td><td>FePeak=09:32</td><td>FePeak.c/s=6</td><td>#Peaks=1 Sten=5"</td><td>dt= 7.7s Cad=1083s</td><td>XEN=915807 2.048s/pixel</td></t<>	GOES 30:30	09:32	~~		Qual=00 Qual= 4	FePeak=09:32	FePeak.c/s=6	#Peaks=1 Sten=5"	dt= 7.7s Cad=1083s	XEN=915807 2.048s/pixel
DOY=158 End times  Havelength=2788A Code=00 Exp #=90088  DOY=158  DOY=158 End times  Havelength=2788A Code=00 Exp #=90088  Hac.=EKC Carr.Lon.=156deg  Rati=240"X240" Step=15" Cad= 262s Rati=240"X240" Step=15" Cad= 262s Rati=240"X240" Step=15" Cad= 262s Rati=240"X240" Step=15" Cad= 262s Rati=240"X240" Step=15" Cad= 262s Rati=240"X240" Step=15" Cad= 262s Rati=240"X240" Step=0" Pitch=+11"  DOY=158  End times  DOY=158 End times  Mavelength=2788A Code=00 Exp #=90088  DOY=158  DOY=158 End times  Mavelength=2788A Code=00 Exp #=90089  Peak(s=140)  Exp #=90089  Pitch=+133", Vaw=+490", Roll=-20deg  Poitch=+133", Vaw=+490", Roll=-10deg  Rast=180"x1" Step=0" Pitch=+145", Roll=-110deg  Poitch=-12  Boy=158  Exp #=90089  Poitch=+133", Vaw=+145", Roll=-110deg  Poitch=-12  Rast=180"x1" Step=0" Pitch=-12  Poitch=-140", Naw=+145", Roll=-110deg  Poitch=-133", Vaw=+145", Roll=-110deg  Poitch=-156"x1" Step=0" Pitch=-12  Poitch=-12  Rast=180"x1" Step=0" Pitch=-12  Poitch=-140", Naw=+145", Roll=-110deg  Poitch=-156"x1" Step=0" Pitch=-12  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-1180"x1" Step=0" Pitch=-17  Rast=180"x1" Step=0" Pitch=-1180"x1" Step=0" Pitch=-17  Rast=-180"x1" Step=0" Pitch=-1180"x1" Step=0" Pitch=-17  Rast=-180							Rast=243"x243"	Step=3"	Pitch=+136	', Yaw=+515"
10:12	Event # = 228 89/06/07,10:	Peg P	End time	<u> </u>	\$16F35	AR5521	Mac.=EKC	Carr.Lon.	=156deg	H.Ang=38deg
10:16   10:19   Careax.c/s.40   Vail   20   Careax.c/s.40   Step=15"   Cad= 262s   Rast=180"x1"   Step=15"   Cad= 262s   Careax.c/s.40   Step=15"   Cad= 262s   Careax.c/s.40   Cad= 262s   Cad= 262	Optical GOES 10:08	10	4.	Importance=M2	Qual=05	opeak=10:1	FePeak.c/s=6			XEN=915808
DOY=158  DOY=158  End times  HaClass=2N  S20E33  AR5521  Mac.=EKC  Carr.Lon.=158deg  10:54  11:15  Importance=H1  Oual=03  10:52  11:11  Importance=H1  Oual=03  Oual=01  Exp #=90089  DOY=158  DOY=158  DOY=158  Incortance=H1  Oual=03  Oual=01  FePeak:C/s=98  Raxte240"x240"  RaxkeV=144  FePeak:C/s=98  Raxte240"x240"  RaxkeV=144  FePeak:C/s=98  FePe	BCS 10:16 FCS UVSP 10:07	2	<del>.</del> :	Lareak.c/s-40 Wavelength=2788A		#=9008	Rast=240"x240" Rast=180"x1"		_ 1	1.024s/pixel, yaw=+422"
Peak End times HaClass=2N S20E33 AR5521 Mac.=EKC Carr.Lon.=158deg 10:54 11:15 Importance=M1 Qual=03 Tot Cts=10274 MaxkeV=144 PaxkeV=144 II:11 CaPeakC/s=140 Qual=01 FePeak=10:52 Paxt=240"x240" Step=15" Cad= 262s Paxt=240"x240" Step=15" Cad= 262s Paxt=1400/95 Paxt=180"x1" Step=0" Pitch=+14" PaxkeV=146" PaxkeV=144	Event # = 11 89/06/07 10:	D0Y=15		ļ	S18E27		Pitch=+133", Yaw	r=+490", Rol	1=-20deg	H.Ang=32deg
10:54 11:15 Importance=M1 Qual=03 Tot Cts=10274 RaxkeV=144 FePeaks: C/s=140 Qual=01 Tot Cts=10274 FePeaks: C/s=98 #Peaks=1 dt= 7.7s	Start		End time		S20E33	AR5521	Mac.=EKC	Carr.Lon.	=158deg	H.Ang=38deg
Wavelength=2788A	GOES 10:47 HXRBS 10:47 BCS 10:48	10:54 10:48: 10:52	11:15 10:52:5 11:11	Importance=Mi Peakc/s=140 CaPeak.c/s=592	Qual=03 Qual=01 Qual= 1	Tot Cts=10274 FePeak=10:52	MaxkeV=144 FePeak.c/s=98 Rast=240"x240"		dt= 7.7s Cad= 262s	XEN=915809 1.024s/pixel
DOY=158	_	uency (MHz),		Wavelength=2788A 4995/110 8800/12		Exp 5	Rast=180"x1"		Pitch=+14	, Yaw=+415"
13:31	Event # = 11 89/06/07,13:	DOY=15		SMM	S18E26		Pitch=-469",Ya	w=+146",Rol	110deg	H.Ang≕31deg
# = 11409 07,14:55 DOY=158 SMM Pointing: S18E25 Pitch=-458",Yaw=+145",Roll=-110deg Start Peak End times Qual=01 Tot Cts=323 MaxkeV=102 14:55:02 14:56:53 14:56:37 Peakc/s=47 Qual=01 Tot Cts=323 MaxkeV=102 14:55:02 14:55:53 14:56:37 Peakc/s=47 Qual=01 Exp #=90094 Rast=180"x1" Step=0" Pitch=-579"	Start GOES 13:26 HXRBS 13:27 UVSP 13:13	Peak 13:31 13:27	13:35 13:28:42	Importance=C5 Peakc/s=51 Wavelength=2788		Tot Cts=570 Exp #=90092	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-121	", Yaw=-70"
Start Peak End Climes 14:55:02 14:55:53 14:56:37 Peakc/s=47 Qual=01 Tot Cts=323 MaxkeV=102 14:45 14:45	Event # = 11 89/06/07,14:	1409 55 DOY=15	ļ	SE SE	S18E25		Pitch=-458", Ya		]]=-110deg	H.Ang≖30deg
	Start GOES HXRBS 14:55 UVSP 14:45		~	'n		Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-579	, Yaw=+7

17:11:53   17:12:06   PeakC/s-49   Quai-00   Quai-00   PeakC/s-49   Quai-01   Tot Cts-237   Past=180"x1"   Step=0"   Peaks   End times   Peaks   Capeak.C/s-31   Quai-01   Peaks   End times   Peaks   Capeak.C/s-31   Quai-01   Peaks   Capeak.C/s-31   Quai-01   Peaks   Capeak.C/s-31   Quai-01   Peaks   Capeak.C/s-31   Quai-01   Peaks   Capeak.C/s-31   Quai-01   Capeak.C/s-31   PeaksC/s-32   Maxev-102   Mac.eft   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1   PeaksC/s-34   Quai-01   Car.lon.=1	Event # = 11411 89/06/07,17:11 Start	1 DOY=158 Peak	Fnd +imp	SMM Pointing:	S18E28		Pitch=-495", Ya	, Yaw=+133", Roll=-110deg	11=-110deg	H.Ana=33dea
18:11   18:33   CaPeak.c/s-71   Qual-00   Exp #=90098   Rast=180"x1"   Step=0"	50ES 4XRBS 17:11:30 JVSP 17:15	17:11	17:			Tot Exp	MaxkeV=102 Rast=180"xI"	Step=0"	Pitch=-610"	
DOY=158  DOY=158  End times  HaClass=SN  S20E29  AR5521  Hac.=EKC  Garr.Lon.  HaClass=SN  Box (x) = 18	Vent # = 2288; 9/06/07,18:11 Start 0ES 18:00 CS 18:00 CS 18:00	D0y Pea 18: 18:	End 18:3	CaPeak.c/s=71 Peak3c/s=31 Wavelength=2788A	Qual=00 Qual= 1		FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	1	dt= 3.8s Cad= 262s Pitch=-605	XEN=915810 1.024s/pixel ''Yaw=+67"
19:18   20:06   HaClass=SN   S20E29   AR5521   Hac.=EKC   Carr.Lon.     19:18   20:06   HaClass=SF   Oual=05   Fepeak=19:32   Fepeak=10"	vent # = 11412 9/06/07,19:18 Start	DOY=158	Fod +ime	S	S18E26		Pitch=-472", Yaw	v=+141", Rol	-	
### 19:45:14 19:45:21 Peakc/s=184 Qual= 5 FePeak=19:32 FePeak=102 FePeak=102 FePeak=102 FePeak=102 FePeak=102 FePeak=102 FePeak=103 FePeak=102 FePeak=103 FePeak=10	otical otical DES 19:04	19:18	20:06		\$20E29 N10W62 Oual=05	AR5521 AR5529	Mac.=EKC	Carr. Lon.	=157deg =248deg	H.Ang=35deg H.Ang=62deg
Mavelength=1375A   Exp #=90100   Rast=269."X240." Step=55     DOY=158	19:44: 19:32	19:45:1 19:32	19:45:21 20:07	Peakc/s=45 CaPeak.c/s=184	Qual=01 Qual= 5	Tot Cts=223 FePeak=19:32	MaxkeV=102 FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=915811
DOY=158  20:11 20:15   HaClass=SF   S10E86   AR5530   Pitch=-472", Yaw=+141", Roll	'SP 19:37			Wavelength=1375A		Exp #=90100	Kast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s Pitch=-465	1.024s/pixel ', Yaw=+155"
20:11 20:15	ent # = 11413 /06/07,20:11 Start	D0Y=1 Peak	times	SMM Pointing:			Pitch=-472", Yaw	=+141", Rol	]=-110deg	H.Ang=31deg
DOY=158  DOY=158  End times  Lot Cts=369  DOY=158  DOY=158  End times  DOY=158  End times  DOY=158  End times  DOY=158  End times  Lot Cts=369  DOY=158  Rast=10"x10"  Exp #=90106  Exp #=90107  Exp #=9	ES 20:08	20:11	20:15	HaClass=SF Importance=C7	\$10E86 Qual=02	AR5530		Carr.Lon.=	=100deg	H.Ang=86deg
DOY=158 Peak End times  20:54 21:27	SP 20:08:00	20:08 20:08	20:09:48	Peakc/s=360 Wavelength=1375A	Qual=01 Code=00	Tot Cts=3698 Exp #=90106	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=-444"	, Yaw=+154"
20:54 21:27 Importance=M2 Qual=05	ent # = 22887 /06/07,20:54 Start	DOY=15 Peak	times							
21:41 CaPeak.c/s=267 Qual= 5 FePeak=21:06 FePeak.c/s=10 #Peaks=1 Peak3.c/s=12	20:37	20:54	1:27	HaClass=1N Importance=M2	S19E27 Qual=05	AR5521	Mac.≖EKC	Carr.Lon.≖	:158deg	H.Ang≖33deg
DOY=158  Peak End times  HaClass=SF S18E26 AR5521 Mac.=EKC Carr.Lon.  HaClass=SF N25F78 AR5428 Carr.Lon.  Qual=04  22:49:20 22:49:41 Peakc/s=54 Qual=01 Tot Cts=475 Maxkev=102  22:50 22:54 CaPeak.c/s=19 Qual= 4 FePeak=22:50 FePeak.c/s=7 #Peaks=1  Mavelength=1375A Exp #=90120 Rast=10"x10" Step=0"		21:41	1:41	CaPeak.c/s=267 Peak3c/s=12 Wavelength=1375A	Qual= 5	FePeak=21:06 Exp #=90109			dt= 3.8s Cad= 262s Pitch=-440"	XEN=915812 1.024s/pixe1 ,Yaw=-172"
HaClass=SF S18E26 AR5521 Mac.=EKC Carr.Lon.: 2:48:51 22:49:20 22:49:41 Peakc/s=54 Qual=01 Tot Cts=475 Maxkev=102 2:50 22:50 22:54 CaPeak.c/s=19 Qual= 4 FePeak=22:50 FePeak.c/s=7 #Peaks=1 2:46 Wavelength=1375A Exp #=90120 Rast=10"x10" Step=0"		DOY=158 Peak	times	Pointing	S18E24		Pitch=-443", Yaw=	173", Roll		H.Ang=30deg
22:48:51 22:49:20 22:49:41 Peakc/s=54 Qual=01 Tot Cts=475 MaxkeV=102			-	Class=SF	\$18E26 N25E78	AR5521 AR5428	Mac.≖EKC	Carr.Lon.=		H.Ang=31deg H.Ang≃79deg
.2:46	22:48:51 22:50	50	:49:41 :54	c/s=54 ak.c/s=19		Tot Cts=475 FePeak=22:50	MaxkeV=102 FePeak.c/s=7		2,2	XFN=015813
	2:4	į	-	e -		Exp #=90120			Cad=1.02s ] Pitch=-441",	1.024s/pixel ',Yaw=-147"

				80/06/08	DAV=150				
Event # = 22888	7			20 /00 /00					
89/06/08,00:24 Start Optical	oor≡139 Peak	End times	HaClass=SF	\$17£25	AR5521	Mac.=EKC	Carr.Lon.=158deg	158deg	H.Ang=30deg
GOES BCS 00:21 FCS UVSP 00:18	00:24	00:27	CaPeak.c/s=22 Wavelength=1375A	(jual=00 (jual= 4	FePeak=00:21 Exp #=90129	FePeak.c/s=8 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-525"	XEN=915900 1.024s/pixel ", Yaw=-167"
Event # = 11415 89/06/08,00:33	DOY=159		SMM Pointing:	S18E23		Pitch=-434", Yaw	, Yaw=-162", Roll	, Roll=-150deg	H.Ang=29deg
Start Optical	n a X	בנות ניווועס	HaClass=SF	N20E84	AR5528	Mac.=HRX	Carr.Lon. =99deg	.99deg	H.Ang=84deg
GOES HXRBS 00:32:48 UVSP 00:31	00:33:02	00:34:05	Peakc/s=85 Wavelength=1375A	Qual=01	Tot Cts=1820 Exp #=90131	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-454"	', Yaw=-146"
Event # = 11418 89/06/08,07:03	D0Y=159	1	SMM Pointing:	S18E20		Pitch=-409", Yaw	, Yaw=-119", Roll	, Roll=-150deg	H.Ang=27deg
Start Optical	Peak	End times	HaClass=SN	\$20E25	AR5521	Mac.=EKC	Carr.Lon.=155deg	-155deg	H.Ang≕32deg
GOES 06:55 HXRBS 06:58:55 BCS 06:53	07:03 07:00:40 07:02	07:08 ) 07:02:55 07:15	Importance=Ml Peakc/s=66 CaPeak.c/s=463	Qual=01 Qual=01 Qual= 1	Tot Cts=2374 FePeak=07:01	MaxkeV=102 FePeak.c/s=124	#Peaks=1 C+o=10"	dt= 3.8s X	XEN=915901 1 024s/nixel
FCS UVSP 06:26	+	•	Wavelength=2788A	Code=00	Exp #=90142	Rast=243"x243"		Pitch=-403	', Yaw=-107"
Radio Sweeps 	90	. 48 . 48	111/1 A: Peakc/s=66	ssociated Qual=01	Event # = 11417 Tot Cts=796	MaxkeV=102			1 1 1 1 1 1 1
Event # = 11419 89/06/08,07:11 Start	) DOY=159 Peak	Fnd times	SMM Pointing:	S18E20		Pitch=-409", Yaw=-119", Roll=-150deg	=-119", Rol	150deg	H.Ang≈27deg
GOES 30011:08 HXRBS 07:11:08 UVSP 06:26	3 07:11:17	07:11:26	Peakc/s=47 Wavelength=2788A	Qual=05 Qual=01	Tot Cts=124 Exp #=90142	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-403"	", Үаw=-107"
Event # = 22889 89/06/08.07:15 80ES 07:15 FCS 07:15 UVSP 06:26	) DOY=159 Peak O7:15	End times 07:16	CaPeak.c/s=23 Wavelength=2788A	Qual=05 Qual= 5	FePeak=07:15 Exp #=90142	FePeak.c/s=5 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=15" Step=3"	dt= 7.7s Cad= 262s Pitch=-403	XEN=915902 1.024s/pixel ", Yaw=-107"
Event # = 11421 89/06/08,08:17	1 DOY=159		SMM Pointing:	S18E19		Pitch=-403", Yaw	, Yaw=-109", Rol	, Roll=-150deg	H.Ang=26deg
Start Pe GOES 08:05 08 HXRBS 08:14:07 08 GRS 08:14:00	Peak 08:17 7 08:14:31 0	08:22 1 08:15:42 08:15:00			Tot Cts=6434	MaxkeV=275		47 - J- + 10	Dur=60sec
UVSP 08:01 Radio Frequenc	ncy(MHz)// 5 08:07:59	8:01 Frequency(MHz)/Flux(sfu): 8:07:05 08:07:55 08:11:07	Wavelength=1379 410/85 606/68 	5A Code=00 Associated Qual=01	Exp #=90144 Event # = 11420 Tot Cts=2955	Rast=/U"x/U"     MaxkeV=102	Step=5:	71tcm=14/4	O+TMp1'
						The state of the s			

89/05/08,09:22   Start   Start   Start   Optical   Optical   GOES   09:13   COES   COE	DOY=159								
09:13 09:29	peak	End times							
09:29	?:	ω,	HaClass=IN HaClass=SF Importance=M1	\$20E24 N09W71 Oual=05	AR5521 AR5529	Mac.=EKC	Carr.Lon.=154deg Carr.Lon.=249deg	=154deg =249deg	H.Ang=31deg H.Ang=71deg
10.00	09:29	10:22	CaPeak.c/s=74	Qual = 5	FePeak=09:30	FePeak.c/s=9	#Peaks=2	dt= 3.8s	XEN=915903
or 09:31	!		Wavelength=1375A	Code=02	Exp #=90145	Kast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s 1 Pitch=-390",	1.024s/pixel ',Yaw=-86"
t # = 22891 5/08,12:57 Start	DOY=159 Peak	Fod + impo		The state of the s	Control of the second of the s				
Optical GOES	į		HaClass=SF	S19E16	AR5521	Mac.=EKC	Carr.Lon.	=160deg	H.Ang=25deg
12:54	12:57	13:06	CaPeak.c/s=31	Qual= 1	FePeak=12:55	FePeak.c/s=10		dt= 7.7s	XEN=915904
P 12:56			Wavelength=1375A		Exp #=90163	Kast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s 1 Pitch=-399",	1.024s/pixel ',Yaw=-48"
# = 11422 /08,13:06 Start	D0Y=159 Peak	End times	SMM Pointing:	S18E16		Pitch=-385", Yaw	, Yaw=-72", Roll=	, Roll=-150deg	H.Ang=24deg
	13:06:53	7:43	Peakc/s=284 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=3675 Exp #=90163	MaxkeV=187 Rast=30"x30"	Step=5"	Pitch≖-399"	, Yaw=-48"
# = 11423 '08,13:25 Start	D0Y=159 Peak	End times	SMM Pointing:	S18E16		Pitch=-385", Yaw=-72"	72", Roll=	, Roll=-150deg	H.Ang=24deg
=			HaClass=SF	S07E79	AR5530		Carr.Lon.=97deg	97deg	H.Ang=79deg
HXRBS 13:25:28 1. UVSP 13:13	13:25:41	13:25:58	Peakc/s=62 Wavelength=1375A	Qual=01	Tot Cts=386 Exp #=90165	MaxkeV=144 Rast=30"x30"	Step=5"	Pitch=-378"	, Yaw=-41"
nt # = 11429 06/08,14:05 Du Start Pe	0Y=159 eak	7 dE	SMM Pointing:	S18E16		Pitch=-385", Yaw=	, Yaw=-72", Roll=	, Roll=-150deg	H.Ang=24deg
GOES 13:49 14 HXRBS 14:31:17 14 UVSP 14:10	14:05 14:31:28	37 31:55	Importance=M2 Peakc/s=44 Wavelength=1375A	Qual=05 Qual=01 Code=02	Tot Cts=146 Exp #=90166	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-371"	, Үаw=-53"
= 11430 3,17:53 start	D0Y=159 Peak	End times	SMM Pointing:	S18E14		Pitch=-370", Yaw=-40"	-40", Roll=	, Roll=-150deg	H.Ang=23deg
cal 17:15 17	m			N20E77 Oual=03	AR5528	Mac.=HRX	Carr.Lon.=97deg		H.Ang=78deg
HXRBS 17:24:53 17:37:01 17:57:2 UVSP 17:51 Radio Frequency(MHz)/Flux(sfu)	7:37:01 (MHz)/F1	<b></b>	c/s=101 length=1375A 70	Qual=01 Qual=01 Code=00	Tot Cts=33853 Exp #=90186	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-421"	, Yaw=-23"
# = 11431 '08,19:02 Start	DOY=159 Peak	S End times	SMM Pointing:	S18E13		Pitch=-360", Yaw=-30"	-30", Roll=.	, Roll=-150deg	H.Ang=22deg
GOES HXRBS 19:02:08 19 UVSP 18:50	19:02:21	19:02:37 P	Peakc/s=52 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=136 Exp #=90189	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-416",Yaw=-15	Yaw=-15"

Event # 89/06/0	= 11432 8,22:28	D0Y=159		SMM Pointing:	S18E12		Pitch=-349", Yaw=-9", Roll=-150deg	9", Roll=-		H.Ang=22deg
GOES HXRBS UVSP	Start P 22:25 2 38 22:31:57 2 21:56	Peak 22:28 22:32:24	End times 22:38 22:33:09	Importance=C7 Peakc/s=47 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=442 Exp #=90202	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=-283",Yaw=+52	, Yaw=+52"
					60/90/68	D0Y=160				
Event 89/06/0	Event # = 11434 89/06/09.00:30 [	D0Y=160		SMM Pointing:	S18E10		Pitch=-297", Yaw	, Yaw=-158", Roll=180deg	1=180deg	H.Ang=21deg
Optica	Start	Peak	imes	Class=SF	\$22E09	AR5521	Mac.=EKI	Carr.Lon.=161deg	=161deg	H.Ang=24deg
GOES HXRBS BCS	23:57 00:55:55 00:54	00:30 00:56:29 00:59	01:54 00:58:10 01:50	Importance=M2 Peakc/s=512 CaPeak.c/s=820	Qual=05 Qual=01 Qual= 4	Tot Cts=5442 FePeak=00:59	MaxkeV=102 FePeak.c/s=130 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s X Cad= 262s 1	XEN=916000 1.024s/pixel
FCS UVSP	00:49			√avelength=278	•	Exp #=90204	Rast=180"x1"	Step=0"	Pitch=-163" 	',Yaw=-227"
HXRBS	00:06:45 (	00:07:09 00:08	. 33	Peakc/s=57 Wavelength=278	Associated Qual=01		MaxkeV=10 Rast=243"	Step=3"	Pitch=-334"	', Yaw=+15"
	22.50		00.13	As Capeak, c/s=199	Associated Oual= 2	Event # = 22556 FePeak=00:12	FePeak.c/s=41		7.75	XEN=915905
FCS UVSP	23:26	_	3			Exp #=90203	Rast=240"x240" Rast=243"x243"	Step=15" Step=3"		1.0245/pixel ", Yaw=+15"
Event 89/06/	Event # = 22892 89/06/09,02:27 Start	DOY=160 Peak	End times		30-1-0.0					
GOES BCS	02:27	02:27	02:42	CaPeak.c/s=45	Qual= 5	FePeak=02:28	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	xEN=916001 1.024s/pixel
FCS UVSP	02:18			Wavelength=2788A		Exp #=90206	Rast=180"x1"	Step=0"		i3", Yaw=-215"
Event 89/06/	Event # = 12546 89/06/09.05:49			SMM Pointing:	S18E07		Pitch=-297",Yaw≖-117",Roll=180deg	r=-117", Rol	1=180deg	H.Ang≖20deg
Optica	Start		End times	HaClass=SF	N23E72	AR5528	Mac.=EKI	Carr.Lon.=95deg	=95deg	H.Ang=73deg
GOES HXRBS UVSP	05:45 05:45:57 05:24	05:49 05:46:3	05:53 3 05:47:53	Importance=C8 Peakc/s=57 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=994 Exp #=90210	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-163"	", Yaw=-188"
Event 89/06/	vent # = 12547 9/06/09.08:16			SMM Pointing:	S18E07		Pitch=-297", Yaw=-104",	/=-104", Ro	, Roll=180deg	H.Ang=19deg
Optica Optica	Start		End times	HaClass=SF HaClass=SF	\$20E10 \$19E90	AR5521 AR5533	Mac.≖EKI	Carr.Lon.=156deg Carr.Lon.=76deg	.=156deg .=76deg	H.Ang=23deg H.Ang=90deg
GOES GOES HXRBS UVSP	07:48 07:49:22 07:53	08:16 2 07:50:34	09:55 4 08:00:23	Importance=M2 Peakc/s=69 Wavelength=2788A	Qual=02 Qual=03 \ Code=00	Tot Cts=6600 Exp #=90213	MaxkeV=102 Rast=180"x1"	Flags=I,EN Step=0" F	EN Pitch=-163	Pitch=-163",Yaw=-167"

89/06/09,09:28 Start	D0Y=160 Peak	End times							
93:50	09:28	09:33	CaPeak.c/s=31	Qua]=00 Qua]= 1	FePeak=09:27	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=916002
09:27			Wavelength=2788A	er.	Exp #=90215	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-163",	1.024s/pixel ", Yaw=-153"
Event # = 22894 89/06/09,10:21 Start Optical GAFS	D0Y=160 Peak	End times	HaClass=SF	\$18E08	AR5521	Mac.=EKI	Carr. Lon.	=156dea	H. Anc=20ded
10:13	10:21	10:26	eak.c/s=89	Qual≕04 Qual≕ 1	FePe	FePeak.c/s=15 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262c	
10:19			Wavelength=1375A	_	Exp #=90218	Rast=10"x10"		Pitch=-333	", Yaw=-160"
Event # = 11436 89/06/09,10:26 Start	DOY=160 Peak	End times	SMM Pointing:	S18E05		Pitch=-297", Yaw	, Yaw=-78", Roll	, Roll=180deg	H.Ang*19deg
es S			HaClass=SF	\$18E08	AR5521	Mac.=EKI	Carr.Lon.=156deg	=156deg	H.Ang=20deg
HXRBS 10:26:19 UVSP 10:19	10:26:19 10:26:44 10:26 10:19	10:26:57	Peakc/s=53 Wavelength≖1375A		Tot Cts=250 Exp #=90218	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-333"	_
Event # = 11437 89/06/09,15:28 Start	DOY=160 Peak	End times	SMM Pointing:	\$18E02		Pitch=-298", Yaw	, Yaw=-38", Roll:	, Roll=180deg	H.Ang=19deg
GOES HXRBS 15:27:49 UVSP 15:40	15:28:13		Peakc/s=56 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=697 Exp #=90242	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-164"	', Yaw=-101"
= 11438 9,16:35 Start	D0Y=160 Peak	End times	SMM Pointing:	S18E02		Pitch=-299", Yaw	, Yaw=-25", Roll=	, Roll=180deg	H.Ang=18deg
		17:10	HaClass=SF Importance=M2	S20E90 0ual=01	AR5533	Mac.=HSX	Carr.Lon.=71deg	71deg	H.Ang=90deg
16:29:51 16:13	6:30:26	16:36:55	Peakc/s=292 Wavelength=2788A	Qual=01 Code=01	Tot Cts=10564 Exp #=90243	MaxkeV=231 Rast=180"xl"	Step=0"	Pitch=-164"	, Yaw=-96"
# = 11439 '09,21:41 Start	0Y=160 eak	i	SMM Pointing:	S18W01		Pitch=-180", Yaw	, Yaw=+239", Rol]=-130deg	=-130deg	H. Ang=18deg
GOES 21:37 2 HXRBS 21:38:29 2 UVSP 21:08	1:41 1:39:11	21:47 21:40:12	Importance=Ml Peakc/s=67 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=1476 Exp #=90248	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=-155"	
= 11440 9,22:54 Start	D0Y=160 Peak	End times	SMM Pointing:	S18W02		Pitch=-171", Yaw	, Yaw=+250", Roll=-130deg	130deg	H.Ang=19deg
22:42	22:54		Class=SF tance=M6	S20E02 0ual=03	AR5521	Mac.=EKI	Carr.Lon.=156deg		H.Ang≈21deg
HXRBS 22:42:18 22:52:07 23:08:07 UVSP 22:40 Radio Frequency(MHz)/Flux(sfu)	22:52:07 ; /(MHz)/Flu	~	c/s=455 ength=137 70 2695/7	Qual=01 Code=00 005/75 88	0ual=01 Tot Cts=67090 5A Code=00 Exp #=90251 3 4095/75 8800/89	MaxkeV=275 Rast=30"x30"	Step=5"	Pitch≃-185",Yaw=+298	, Yaw=+298"

				89/06/10	D0Y=161				
Event # = 22895 89/06/10,00:06 Start GOES 00:06 BCS 00:06 FCS UVSP 00:09	00:06	End times 00:09	CaPeak.c/s=22 Wavelength=1375A		FePeak=00:06 Exp #=90256	FePeak.c/s=5 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=-152",	XEN=916100 1.024s/pixel ", Yaw=+269"
Event # = 22896 89/06/10,05:32 Start Optical GOES BCS 05:29 FCS UVSP 05:24	DOY=161 Peak 05:32	End times 05:39	HaClass=1F CaPeak.c/s=66 Wavelength=1375A	\$12#11 Qua]=01 Qua]= 1	AR5532 FePeak=05:32 Exp #=90283	Mac.=BXO FePeak.c/s=11 Rast=240"x240" Rast=30"x30"	Carr.Lon.=165deg #Peaks=1 dt= 3. Step=15" Cad= 2 Step=5" Pitch=	8s 62s -141	H.Ang=17deg XEN=916101 1.024s/pixel ", Yaw=+270"
Event # = 11444 89/06/10,06:25 Start Optical GOES 06:12 HXRBS 06:19:14 BCS 06:26 FCS 06:24 WSP 06:24 Radio Sweeps	DOY=161 Peak 06:25 06:27 06:27	End times 07:23 06:31 06:31 Intensity:	SMM Pointing: HaClass=2N Importance=M5 PeakC/s=365 CaPeak.c/s=35 Wavelength=1375A III/3	\$18W06 \$18E90 Qual=01 Qual= 1 Qual= 1 Code=00	AR5533 Tot Cts=47016 FePeak=06:27 Exp #=90286	Pitch=-119", Yaw Mac.=HSX MaxkeV=231 FePeak.c/s=10 Rast=0"x0" Rast=10"x10"	,Yaw=+289",Roll=-130 Carr.Lon.=63deg Flags=SA 10 #Peaks=1 dt= 7 Step=0" Cad=1 " Step=0" Pitch	deg .7s .02	H.Ang=19deg H.Ang=90deg XEN=916102 s 1.024s/pixel ", Yaw=+331"
Event # = 11441 89/06/10,08:34 Start Optical GOES 08:25 HXRBS 08:24:25 UVSP 08:39 Radio Frequen	D0Y=161 Peak 08:34 5 08:24:4 ncy(MHz)/	# = 11441 110,08:34 DOY=161 Start Peak End times 31 08:25 08:34 08:53 08:24:25 08:24:45 08:27:05 08:39 Frequency(MHz)/Flux(sfu):	SMM Pointing: HaClass=SF Importance=C6 Peakc/s=208 Wavelength=2788 245/180 410/61	\$18W07 N27E63 Qual=03 Qual=01 A Code=02 606/64	AR5528 Tot Cts=9292 Exp #=90294	Pitch=-109", Yaw=+298" Mac.=FKI Carr. MaxkeV=231 Rast=180"x1" Step=	/=+298",Roll=-130 Carr.Lon.=89deg Step=0" Pitch	130deg =89deg 	H.Ang=20deg H.Ang=66deg ,Yaw=+233"
Event # = 11442 89/06/10,09:42 Start Optical GOES 09:38 HXRBS 09:40:01 UVSP 09:14	2 D0Y=161 Peak 09:42 1 09:40:43 6 09:43:12	End times 09:59 13 09:41:41 12 09:43:17	SMM Pointing: HaClass=1N Importance=M1 Peakc/s=1788	\$18W08 \$17E90 Qual=01 Qual=01 A Associated Qual=01	AR5533 Tot Cts=3213 Exp #=90295 1 Event # = 11443 Tot Cts=114	Pitch=-99" Mac.=HSX MaxkeV=144 Rast=180"x MaxkeV=102	Carr.Lon.	=-130deg =62deg Pitch=+34	H. Ang=20deg H. Ang=90deg ", Yaw=+235"
Event # = 11445 89/06/10,12:06 Start Optical GOES 11:56 HXRBS 12:42:04 UVSP 12:18	DOY=1 Peak 12:06 12:42	End time 12:47 9 12:42:20	SMM Pointing:  HaClass=SN Importance=M1 Peakc/s=60 Wavelength=2788A	\$18W09 N16E45 Qual=05 Qual=01	AR5528 Tot Cts=135 Exp #=90299	Pitch=-79", Yaw Mac.=FKI MaxkeV=102 Rast=180"x1"	,Yaw=+323",Roll=-130de Carr.Lon.=105deg 1" Step=0" Pitch=	,Roll=-130deg .Lon.=105deg =0" Pitch=+55"	H.Ang=21deg H.Ang=47deg ",Yaw=+253"

Fnd + ime
imes :10 Peakc/s=54 Wavelength=2788A
SMM Pointing
)
6 Peakc/s=144 Wavelength=2788
4 Peakc/
SMM Pointing
HaClass=SB Importance=C7
times HaClass=S
CaPeak.c/s=167
Wavelength=2788A
times
HaClass=1N Importance=M2 CaPeak.c/s=341
₩avelength=2788A
SMM Pointing
HaClass=SB HaClass*SF Importance=M1
Peakc/s= CaPeak.c/s=
Wavelength=2788A

19:03:36 19:04:58 19:12:28			Peakc/s=256 Peakc/s=90	Associated Qual=01 Associated Qual=01 Associated Qual=01 Qual=01 Qual=01	Event # = 11451 Tot Cts=3372 Event # = 11452 Tot Cts=2380 Event # = 11454 Tot Cts=97	MaxkeV=368 HaxkeV=102 MaxkeV=102	Flags=M5,ND	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 22899 89/06/10,20:11 GOES Start BCS 20:11 FCS 20:16	DOY=161 Peak 20:11	End times 20:34	CaPeak.c/s=59 Wavelength=1375A	Qual=00 Qual= 5 5A	FePeak=20:11 Exp #=90307	FePeak.c/s=7 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s Cad= 262s Pitch=+374"	XEN=916106 1.024s/pixel ',Yaw=+833"
Event # = 22900 89/06/10,22:22 Start Optical	00Y=161 Peak	End times		\$20E77 \$19W12 N57W35	AR5533 AR5521	Mac.=HSX	Carr.Lon.=68deg Carr.Lon.=157deg Carr.Lon.=180deg		H.Ang=78deg H.Ang=23deg H.Ang=63deg
Optical GOES 22:18 BCS 22:21 FCS 21:52	22:22 22:22	22:26 22:26	Importance=C4 CaPeak.c/s=42 Wavelength=1375A	5A	FePeak=22:21 Exp #=90317	FePeak.c/s=10 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+381	XEN=916107 1.024s/pixel ", Yaw=+802"
Event # = 11456 89/06/10,23:39 Start Optical GOES 23:37 HXRBS 23:34:34 UVSP 23:24	DOY=161 Peak 23:39 23:34:48	End times 23:43 23:35:07	SMM Pointing: HaClass=SF Importance=C4 PeakC/s=47 Wavelength=1375A	\$18E70 \$19W13 Qual=01 Qual=01 75A Code=00	AR5521 Tot Cts=206 Exp #=90320	Pitch=+366", Yaw=+820", Roll=5deg Mac.=FKI Carr.Lon.=157de Maxkev=102 Rast=30"x30" Step=5" Pitch	w=+820",Roll=5deg Carr.Lon.=157deg Step=5" Pitch=	]=5deg	H.Ang=72deg H.Ang=23deg ',Yaw=+832"
Event # = 11457 89/06/10,23:51 Start Optical Optical	D0Y=161 Peak	End times	SMM Pointing: HaClass=SF HaClass=SF		AR5533 AR5531	Pitch=+366", Ya Mac.=HSX	,Yaw=+810",Roll=5deg Carr.Lon.=71deg Carr.Lon.=163deg		H.Ang=70deg H.Ang=74deg H.Ang=25deg
GOES HXRBS 23:51:23 UVSP 23:41	3 23:51:35	5 23:51:47	Peakc/s=56 Wavelength=1375A	Qual=00 Qual=01 75A	Tot Cts=201 Exp #=90322	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+401"	", Yaw=+831"
Event # = 11458 89/06/11,01:39	3 D0Y=162		SMM Pointing:	89/06/17 S18E69	11 D0Y=162	Pitch=+366", Yaw=+810", Roll=5deg	tw=+810", Ro	11=5deg	H.Ang=70deg
Start GOES HXRBS 01:36:54 BCS 01:37 FCS UVSP 01:31	Peak 4 01:37:06 01:39	End times 6 01:37:23 01:45	s Peakc/s=51 CaPeak.c/s=39 Wavelength=1375A	Qual=00 Qual=01 Qual= 3 75A	Tot Cts=233 FePeak=01:39 Exp #=90331	MaxkeV=102 FePeak.c/s=8 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+400",	xEN=916200 1.024s/pixel 1., Yaw=+831"

	XEN=916204	1.024s/pixel ",Yaw=+814"		H.Ang=75deg	XEN=916205 1.024s/pixel	,   aw 1020	2000		VEN-01600	1.024s/pixel ",Yaw=+798"	H.Ang=67deg	,Yaw=+816"	XEN=916207	1.024s/pixel ,Yaw=+814"	H.Ang=Odeg	H.Ang≈73deg	. Yaw=+0"
		Cad=1.02s 1 Pitch=+373",		.=68deg	dt= 3.8s X Cad= 262s 1		1 t - + t	Cad=1.02s Pitch=+399	о п +	Cad= 262s 1 Pitch=+372",		Pitch=+399",Ya₩=+816"	dt= 7.7s	Cad= 262s 1 Pitch=+389",			Pitch=_4" ya
		Step=0" Step=5"		Carr.Lon.=68deg	#Peaks=1 Step=15" Step=15"	- 1	#Doale-1	Step=0" Step=5"		Step=15" Step=5"	, Yaw=+790", Roll=5deg	Step=5"	i i	Step=15" Step=5"	0", Roll=5de	Carr.Lon.=67deg	Step=0"
	FePeak.c/s=9	Rast=265"x265"		Mac.=EKO	FePeak.c/s=14 Rast=240"x240" Rast=30"x30"		February C/s=6	Rast=0"x0" Rast=30"x30"	FePeak.c/s=8	Rast=240"x240" Rast=265"x265"	Pitch=+365", Yaw	MaxkeV=144 Rast=30"x30"	FePeak.c/s=22	Rast=240"x240" Rast=30"x30"	Pitch=+0", Yaw=+0", Roll=5deg	Mac.=EKO	MaxkeV=102 Rast=180"x1"
	FePeak=02:22	Exp #=90332		AR5533	FePeak=02:49 Exp #=90336		FePeak=06:20	Exp #=90352	FePeak=07:01	Exp #=90353		Tot Cts=208 Exp #=90355	FePeak=07:41	Exp #=90359			Tot Cts=9971 Exp #=90361
	Qua]=00 Qua]≖ 4	ď		\$21E74 Qual=01			Qual=00 Qual= 4		Qual=04 Qual= 5	Code=02	S18E65	Qual=00 Qual=01	Qual=03 Qual= 1	Code=00	NOIMOO	\$18E72 Qual=03	Qual=01 Code=02
	CaPeak.c/s=38	Wavelength=1375A		HaClass=SF Importance=C3	CaPeak.c/s=58 Wavelength=1375A		CaPeak.c/s=19	Wavelength=1375A	Importance=C4 CaPeak.c/s=60	Wavelength=1375A	SMM Pointing:	Peakc/s=49 Wavelength=1375A	Importance=C4 CaPeak.c/s=153	Wavelength=1375A	SMM Pointing:	HaClass=SF Importance=M2	eakc/s=186 avelength=2788A
End times	02:36		End times	02:53	02:54	+ pag		-	End times 07:06 07:08		End times	07:16:26 P	End times 07:50 07:55 C	3	Sl End times	10:14 Ir	
1 D0Y=162 Peak	02:23		2 D0Y=162 Peak	05:50	02:49	3 DOY=162 Peak	06:20		DOY=162 Peak 07:01 07:01		DOY=162 Peak	07:16:12	DOY=162 Peak 07:42 07:42		D0Y=162 Peak E	09:15	62:21:60
Event # = 22901 89/06/11,02:23 Start		02:26	Event # = 22902 89/06/11,02:50 Start	al 02:47 02:40	02:46	Event # = 22903 89/06/11,06:20 Start	06:20	60:90	Event # = 22904 89/06/11,07:01 Start GOES 06:54 BCS 07:01	90:20	Event # = 11459 89/06/11,07:16 Start	07:16:03 07:07	Event # = 22905 89/06/11,07:42 Start GOES 07:38 BCS 07:35 FCS	07:41	Event # = 11460 89/06/11,09:15 Start	09:01	9:23
89/06	BOS SOS SOS SOS SOS SOS SOS SOS SOS SOS	UVSP	Event 89/06	Optic GOES	FCS UVSP	Event 89/06	GOES BCS	UVSP	60ES 89/06/ 60ES 8CS 8CS	UVSP	Event 89/06/	GUES HXRBS UVSP	Event 89/06/ 60ES BCS FCS	UVSP	Event 89/06/	GOES (	UVSP

20:22 10:21:05 10:21:34 F 56  11462  0:24 DOY=162  11463  10:38 DOY=162  11463  11464  10:38 DOY=162  11464  10:39 DOY=162  11464  10:39 DOY=162  11465  12:08	kc/s=54 elength=2788A Pointing:						
DOY=162 Peak End times 10:24:29 10:24:31 DOY=162 End times 10:38:20 10:38:29 DOY=162 End times 10:39:27 10:39:29 12:08 12:10 12:08 12:10 12:06:45 12:07:39 12:07 12:13 12:26 12:32	Pointing:	Qual=01 Qual=01	Tot Cts=431 Exp #=90362	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-4",Y	, Yaw=+0"
10:24:29 10:24:31   D0Y=162   End times   10:38:29   D0Y=162   End times   D0Y=162   End times   12:08   12:07   12:13   12:06:45   12:13   12:26   End times   12:26   End times   12:26   End times   12:26   End times   12:26   End times   12:26   End times   12:26   End times   12:26   End times   12:26   End times   12:26   End times   12:26   End times   12:26   End times		NO1WOO		Pitch=+0", Yaw=+0",	-0", Roll=-20deg	)deg	H.Ang=Odeg
\$\frac{\pmu}{\sum_{\text{start}}} = 11463 \\ \text{Start} \text{Peak} \text{End times} \\ \text{10:38:16} \text{10:38:20} \text{10:38:29} \\ \text{10:38:16} \text{10:38:20} \text{10:38:29} \\ \text{5/11,10:39} \text{Pox} \text{Peak} \text{End times} \\ \text{5/11,10:39} \text{Pox} \text{10:39:29} \\ \text{10:39:25} \text{10:39:27} \text{10:39:29} \\ \text{5/11,12:08} \text{10:465} \text{End times} \\ \text{12:05:49} \text{12:06:45} \text{12:13} \\ \text{11:38} \text{12:07} \text{12:13} \\ \text{12:28} \text{12:26} \text{12:32} \\ \text{12:28} \text{12:26} \text{12:28} \\ \text{12:28} \text{12:28} \text{12:28} \\ \text{12:28} \text{12:28} \text{12:28} \\ \text{12:28} \text{12:28} \text{12:28} \\ \text{12:28} \text{12:28} \text{12:28} \text{12:28} \\ \text{12:28} \text{13:28} \text{13:29} \\ \text{12:28} \text{12:28} \text{12:28} \text{12:28} \\ \text{12:28} \text{13:28} \text{13:28} \text{13:28} \\ \text{13:28} \text{1466} \text{13:28} \text{13:28} \\ \text{13:28} \text{1466} \text{13:28} \text{13:28} \\ \text{13:28} \text{1466} \text{13:28} \text{1466} \text{13:28} \\ \text{13:28} \text{1466} \text{13:28} \text{13:28} \text{1466} \text{13:28} \text{1466} \text{13:28} \text{13:28} \text{1466} \text{13:28} \text{1466} \text{13:28} \text{1466} \text{13:28} \text{1466} \text{13:28} \text{14:28} \text{13:28} \text{13:28} \text{13:28} \text{13:28} \text{13:28} \text{13:28} \text{13:28} \text{13:28} \text{13:28}	eakc/s=53 avelength=2788A	Qual=01 Qual=01	Tot Cts=42 Exp #=90362	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-4",Y	, Yaw=+0"
\$ 10:38:16 10:38:29   10:56   10:38:29   10:56   10:39:27   10:39:29   10:56   10:39:27   10:39:29   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:56   10:57   10:13   10:58   10:57   10:13   10:28   10:26   10:26   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   10:26   10:32   10:28   1	SMM Pointing:	NO1WOO		Pitch=+0", Yaw=+	, Yaw=+0", Roll=-20deg	gapo	H.Ang≈Odeg
# = 11464 Start Peak 10:39:25 10:39:27 10:39:29 10:56 10:56 11:12:08 DOY=162 Start Peak End times 12:05 12:08 12:10 12:05 12:06:45 12:07:39 11:38 12:07 12:13 12:28 # = 22906 711,12:26 DOY=162 Start Peak End times 12:25 12:26 12:32 12:28	Peakc/s=44 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=116 Exp #=90363	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-4",Y	, Yaw=+0"
Start Peak End times 10:39:25 10:39:27 10:39:29 10:56 10:56 10:39:27 10:39:29 10:56 11:12:08 12:05 12:08 12:07 12:13 12:28	SMM Pointing:	N01W00		Pitch=+0", Yaw=+0"	+0", Roll=-20deg	0deg	H.Ang=Odeg
# = 11465 Start Peak End times Start Peak End times 12:05:49 12:08 12:10 12:05:49 12:07 12:13 12:28 # = 22906 711,12:26 DOY=162 Start Peak End times 12:25 12:26 12:32 12:28 # = 11466	Peakc/s=56 Wavelength=2788A	Qua1=01	Tot Cts=49 Exp #=90363	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-4",)	, Үаw=+0"
Start Peak End times 12:05 12:08 12:10 12:05 12:08 12:10 12:07:39 12:07 12:13 12:28	SMM Pointing:	S18E62		Pitch=+5", Yaw=-	, Yaw=+850" , Roll=-20deg	-20deg	H.Ang=64deg
12:05 12:05:49 12:06 11:38 12:07 12:13 12:28 12:26 D0Y=162 5/11,12:26 D0Y=162 Start Peak End times 12:25 12:26 12:32 12:28 12:28		S16E64	AR5533	Mac.=EKO	Carr.Lon.	=73deg	H.Ang=65deg
12:28 6/11,12:26 DOY=162 Start Peak End times 12:25 12:26 12:32 12:28 # = 11466	Importance=C4 Peakc/s=88 CaPeak.c/s=111	Qual=01 Qual=01 Qual= 1	Tot Cts=1028 FePeak=12:07	MaxkeV=144 FePeak.c/s=18 Das+=240"x240"	#Peaks=2 Sten=15"	dt= 7.7s Cad= 262s	XEN=916208 1.024s/pixel
# = 22906 5/11,12:26 DOY=162 Start Peak End times 12:25 12:26 12:32 12:28 # = 11466	Wavelength=2788A		Exp #=90365	Rast=180"x1"			', Yaw=+777"
12:25 12:26 12:32 12:28 # = 11466		00=[e10					
ent # = 11466	CaPeak.c/s=26 Wavelength=2788A	Qual= 4	FePeak=12:29 Exp #=90365	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s X Cad= 262s 1 Pitch=+140",	xEN=916209 1.024s/pixel ",Yaw=+777"
11,13:53 DOY=162 Start Peak End times	SMM Pointing:	S18E62		=	, Yaw=+850", Roll=-20deg	, Roll=-20deg	H.Ang=64deg
Ha 1:40 13:53 14:05 Im 1:40:53 13:42:36 13:44:10 Pec 1:40 13:49 14:06 Ca	HaClass=SF Importance=C7 Peakc/s=305 CaPeak.c/s=365	\$19£68 Qual=03 Qual=01 Qual= 1	AK5533 Tot Cts=14532 FePeak=13:48	MaxkeV=187 FePeak.c/s=57		dt= 7.7s X	XEN=916210
14:01	Wavelength=2788A	Code=02	Exp #=90367	Rast=180"x1"			", Yaw=+771"

4 +uev#	1145									
89/06/1	89/06/11,14:49 Start	00Y=162	End +imos	SMM Pointing:	S18E61		Pitch=+10", Yaw	, Yaw=+839". Roll	. Roll=-20den	H Ann=62den
Optical GOES		•	5	HaClass=SN	\$16E63	AR5533	Mac.=EKO	Carr. Lon. =73deg	≖73deg	H.Ang=64deg
HXRBS	14:48:53 14:35	3 14:49:06	6 14:49:26	Peakc/s=143 Wavelength=2788A		Tot Cts=891 Exp #=90368	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-112"	.", Yaw=+769"
Event # = 11468 89/06/11,14:49 Start	= 11468 1,14:49 Start	3 DOY=162 Peak	Fnd + imag	SMM Pointing:	\$18E61		Pitch=+10", Yaw	, Yaw=+839", Roll:	Roll=-20dea	H. Ann=62den
Optical GOES		3	3	HaClass=SN	\$16E63	AR5533	Mac.=EKO	Carr. Lon.	=73deg	H. Ang=64dea
HXRBS UVSP	14:49:41 14:35	14:49:47	7 14:49:57	Peakc/s=191 Wavelength=2788A	Qual=01	Tot Cts=676 Exp #=90368	MaxkeV=231 Rast=180"x1"	Step=0"	Pitch=-112	Pitch=-112", Yaw=+769"
Event # 89/06/1	t # = 11469 5/11,14:59 Start	DOY=162 Peak	Fnd +	SMM Pointing:	\$18561		Pitch=+10", Yaw	, Yaw=+839", Roll=	1	H.Ana=62dea
HXRBS UVSP	14:58:46 14:35	14:59:5	6 15:00:47	Peakc/s=56 Wavelength=2788A	Qual=01	Tot Cts=916 Exp #=90368	MaxkeV=858 Rast=180"x1"	Flags=M5,ND,NS Step=0" Pitch=.	VD,NS Pitch=-112	-112", Yaw=+769"
Event # = 11470 89/06/11,15:11 Start	= 11470 1,15:11 Start	D0Y=162 Peak	End times	SMM Pointing:	S18E61		Pitch=+10", Yaw=	, Yaw=+839", Roll=	, Roll=-20deg	H.Ang=62deg
GOES HXRBS 1 UVSP 1	15:11:03 15:34	15:11:13	3 15:11:19	Peakc/s=72 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=206 Exp #=90369	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-110"	", Yaw=+765"
Event # = 11475 89/06/11,15:39 Start	= 11475 ,15:39 tart	DOY=162 Peak	Fnd times	SMM Pointing:	S18E61		Pitch=+10", Yaw=	, Yaw=+839", Roll=	, Roll=-20deg	H.Ang=62deg
Optical GOES 1 HYDRS 1		15:39	15:47	HaClass=SN Importance=C4	\$20E63 Qua]=03	AR5533	Mac.=EKO	Carr.Lon.=72deg	Ž 72deg	H.Ang=65deg
FCS	)	15:37	15:39:33 15:39		Qual=01 Qual= 3	Tot Cts=3200 FePeak=15:37	MaxkeV=231 FePeak.c/s=18	#Peaks=1	dt= 3.8s	XEN=916211
UVSP	5:34			Wavelength=2788A (	Code=00	Exp #=90369	Rast=180"x1"	Step=15" Step=0"	Cad= 252s	1.024s/pixel ",Yaw=+765"
Event # = 114/1 89/06/11,16:37 Start		D0Y=162 Peak	End times	SMM Pointing:	N20E40		Pitch=-493", Yaw	, Yaw≈+430", Roll=-20deg	=-20deg	H.Ang=44deg
HXRBS 16 UVSP 17	6:36:28 7:06	16:37:41	16:38:09	Peakc/s=54 ( Wavelength=2788A	Qual=00 Qual=01	Tot Cts=747 Exp #=90371	MaxkeV=102 Rast=180"x1"	Flags=AX Step=0" R	Pitch=-612"	, Yaw=+354"
Event # = 11472 89/06/11,22:55 Start	ł.	D0Y=162	Frd + imps	SMM Pointing: N	N20E37		Pitch=-478", Yaw=+389"	=+389", Roll=	, Roll=-20deg	H.Ana=41dea
Optical 60ES 22		_	23:00			AR5533	Mac.=£KO	Carr.Lon.=74deg	1	H. Ang=59deg
UVSP 22	3	: 53:14	22:53:38	Peakc/s=59 Q Wavelength≈1375A C	Qual=01 Code=00	Tot Cts=254 Exp #=90388	MaxkeV=102 Rast=30"x30"	Step=5" P	Pitch=-428", Yaw=+395"	, Yaw=+395"

Event # = 11473	. 60:00	22, 23, <u></u> N20F36		=WeY "A7A" Yaw	Val. 1270" Doll	0011≈_20dea	- TOP
Peak End times  00:18:57 00:19:06  00:19 00:33  DOY=163  Peak End times  02:19 02:30  02:17:45 02:19:22  01:55 02:27	.6	15050		#31 ' + /+== 100 L			H.Ang≖40aeg
00:18:24 00:18:57 00:19:06 00:08 = 12548 5,02:19 00:19 00:150 00:19:02:19 00:15:53 02:17:45 02:19:22 01:49 01:55 01:50:13	.Class=SF	N21E44	AR5528	Mac.=FKC	Carr.Lon.=86deg		H.Ang=47deg
= 12548 102:19 DOY=163 Start Peak End times 11:50 02:19 02:30 12:15:53 02:17:45 02:19:22 11:49 01:55 02:27 102:13 11:50:03 01:51:29 01:52:43	Peakc/s=49 CaPeak.c/s=37 Wavelength=1375A	Qual=00 Qual=01 T Qual= 1 F	Tot Cts=182 FePeak=00:18 Exp #=90393	MaxkeV=102 FePeak.c/s=8 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=3840s Pitch=-425"	XEN=916300 3840s/pixel ', Yaw=+386"
11:50 02:19 02:30 22:15:53 02:17:45 02:19:22 31:49 01:55 02:27 32:13	ointing:	N20E35	A05.528	Pitch=-471", Yaw	, Yaw=+369", Roll=-20deg Carr.Lon.=92deg	=-20deg	H.Ang=39deg H.Ang=41deg
02:13 01:50:03 01:51:29 01:52:43	Class=SF tance=M1 c/s=303 k.c/s=120	N19E3/ Qual=01 Qual=01 Qual= 1	<b>o</b> .	MaxkeV=144 FePeak.c/s=23 Rast=240"x240"	Flags=I #Peaks=1 Step=15"	. 8s 262s	XEN=916301 1.024s/pixel
01:39	velength=1375 akc/s=69 velength=1379	SA Code=00 Associated Qual=01	Exp #=90404 Event # = 11474 Tot Cts=1620 Exp #=90400			Pitch=-422"	, Yaw=+377"
Event # = 22907 89/06/12,03:10 DOY=163 89/06/12,03:10 DOY=163 GOES GOES BCS 03:05 03:10 04:00 Wav	CaPeak.c/s≈70 Wavelength≈1375A	Qua]=00 Qua]= 4	FePeak=03:06 Exp #=90405	FePeak.c/s=8 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=-460",	XEN=916302 1.024s/pixel ", Yaw=+374"
Event # = 12549 89/06/12,03:20 D0Y=163 Start Peak End times GOES HXRBS 03:20:40 03:20:52 03:21:06 Pei UVSP 03:13	SMM Pointing: Peakc/s=55 Wavelength=1375A	N20E35 Qual=00 Qual=01	Tot Cts=265 Exp #=90407	Pitch=-471", Yaw MaxkeV=102 Rast=30"x30"	,Yaw=+369",Rol Flags=I Step=5"	,Roll=-20deg     =I   Pitch=-563"	H.Ang=39deg ', Yaw=+391"
Event # = 12550 89/06/12,03:40	SMM Pointing: Peakc/s=49 Wavelength=1375A	N20E34 Qual=00 Qual=01	Tot Cts=136 Exp #=90409	Pitch=-466", Yaw MaxkeV=102 Rast=30"x30"	,Yaw=+359",Rol Flags=I Step=5"	,Roll=-20deg     	H.Ang=38deg ", Yaw=+389"
Event # = 22908 89/06/12,05:30 D0Y=163 Start Peak End times GOES 05:29 05:30 05:33 Ca FCS 05:29 Wa	CaPeak.c/s=42 Wavelength=1375A	Qual=00 Qual= 3	FePeak=05:30 Exp #=90418	FePeak.c/s=13 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-417"	XEN=916303 1.024s/pixel ", Yaw=+348"

Name	Event # 89/06/1	$t = 1147$ , $t_{2,06:21}$	7 D0Y=163		CMM Pointing.	NOOESS					
06:21	2050	Start	Peak	End	<b>5</b>	MCVE33		Pitch=-463", Y.	aw=+349", Ro	]]=-20deg	H.Ang≖38deg
DOY=163		06:19:02 06:20	06:19 06:21	06:20 06:26	Peakc/s=37 CaPeak.c/s=73	Qual=01 Qual=01 Qual= 1		MaxkeV=187 FePeak.c/s=14			XEN-01630A
DOY=163		06:18 Frequen	ıcy (MHz)/	'Flux(sfu):	Wavelength=1375, 8800/70 15400/1	80 80	Exp #=90421	Rast=240"x240" Rast=30"x30"			1.024s/pixel 5", Yaw=+291"
06:35:49 06:36:09 Peakc/s=59 Qual=01 Tot Cts=331 Paxkev=102 Peakc/s=59 Qual=01 Tot Cts=331 Peak End times SMM Pointing: N20E32 Peakc/s=47 Qual=01 Tot Cts=196 Peak.c/s=11 Pepeak.c/s=11 001 CaPeak.c/s=26 Qual=01 Tot Cts=136 Peak.c/s=11 Pepeak.c/s=10.001 CaPeak.c/s=26 Qual=01 Tot Cts=136 Peak.c/s=11 Pepeak.c/s=10.001 CaPeak.c/s=26 Qual=01 Tot Cts=133 Peak Pepeak.c/s=26 Qual=01 Tot Cts=133 Peak.c/s=12 Peaks.c/s=26 Qual=01 Tot Cts=133 Peak.c/s=12 Peaks.c/s=26 Qual=01 Tot Cts=133 Peak.c/s=12 Peaks.c/s=12 Peaks.c/s=26 Qual=01 Tot Cts=133 Peak.c/s=12 Peaks.c/s=26 Qual=01 Tot Cts=133 Peaks.c/s=26 Qual=01 Tot Cts=133 Peaks.c/s=26 Qual=01 Tot Cts=133 Peaks.c/s=26 Qual=01 Tot Cts=133 Peaks.c/s=26 Qual=01 Tot Cts=133 Peaks.c/s=26 Qual=01 Tot Cts=133 Peaks.c/s=26 Qual=01 Tot Cts=133 Peaks.c/s=126 Qual=01 Tot Cts=133 Peaks.c/s=126 Qual=01 Tot Cts=133 Peaks.c/s=126 Qual=01 Tot Cts=133 Peaks.c/s=126 Qual=01 Tot Cts=201 Peaks.c/s=26 Qual=01 Tot Cts=201 Peaks.c/s=26 Qual=01 Tot Cts=201 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=126 Peaks.c/s=26	Event #89/06/1	2,06:35 Start	) D0Y=163 Peak	End	M S	N20E32		Pitch=-459", Ya	IW=+339", Ro	11=-20deg	H.Ang≖37deg
DOY=163 Peak End times  08:22:50 08:22:56 Peakc/s=47 Qual=01  DOY=163  08:26 08:33 End times  Wavelength=2788A  Exp #=90429  09:59 10:01  CaPeak.c/s=26 Qual=01  DOY=163  Exp #=90429  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90430  Exp #=90431  E	GOES HXRBS UVSP	06:35:44 06:35	06:35:4	06:3	Peakc/s=59 Wavelength=137		Tot Exp	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch≖-384	", Yaw=+299"
08:22:56 PeakC/s=47 Qual=01 Tot Cts=196 Peak.c/s=11 #Peaks=1 dt= 3.8s	Event # 89/06/1	= 11476 2,08:26 Start	D0Y=1 Peak		SE	N20E32		Pitch=-456", Ya	W=+329", Ro]	11=-20deg	H.Ang=36deg
DOY=163  Mavelength=2788A  Exp #=90427  Rass=240"x240" Step=15" Cad= 2628  Peak  O9:59 10:01	GOES HXRBS BCS FCS	08:22:23 08:23	08:22 08:26			Qual=01 Qual=01 Qual= 1	Tot Cts=196 FePeak=08:23	MaxkeV=102 FePeak.c/s=11	#Peaks=1	7 = 3 %c	2 20 MIX
DOY=163 Peak  Ousl=01  CaPeak.c/s=26  Qual=01  DOY=163  DOY=163  Exp #=90429  DOY=163  DOY=163  Exp #=90429  FePeak.c/s=8  Wavelength=2788A  Exp #=90429  FePeak.c/s=8  Wavelength=2788A  Exp #=90429  FePeak.c/s=8  Wavelength=2788A  Exp #=90429  FePeak.c/s=8  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.02s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Rast=180"x1"  Step=0"  Cad=1.77s  Pitch=-448"  Pak.c/s=12 dt= 3.8s  Rast=180"x1"  Step=0"  Ousl=00  Ousl=00  Ousl=00  Ousl=00  Ousl=00  FePeak=11:42  FePeak=11:42  Rast=240"x240"  Step=10"  Cad=1.77s  Rast=240"x240"  Step=10"  Cad=1.77s  Rast=240"x240"  Step=0"  Cad=1.75s  Rast=240"x240"  Step=0"  Cad=1.75s  Rast=240"x240"  Step=0"  Cad=1.75s  Rast=240"x240"  Step=0"  Pitch=-448"  Peak.c/s=18d  Peak.c/s=18d  Peak.c/s=18d  Rast=180"x1"  Rast=240"x240"  Rast=240"  Rast=240"x240"  Rast=240"x240"  Rast=240"  Rast=240"x240"  Rast=240"  Rast=240"  Rast=240"	UVSP	08:33			Wavelength≈2788A		Exp #=90427	Rast=240"x240" Rast=180"x1"			1.024s/pixel ",Yaw=+255"
09:59 10:01 CaPeak.c/s=26 Qual=01 Exp #=90429 Rast=10.xs	Event # 89/06/12	= 22909 2,09:59 Start		End times		Here					
DOY=163  Mavelength=2788A  Exp #=90429  Rast=100"x0" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Cad=1.02s  Rat=180"x1" Step=		9:59	69:60	10:01	CaPeak.c/s=26	Qual=01 Qual= 4	FePeak=09:59	FePeak, c/s=8	#Peake=1	d+= 7 7c	200310-M3X
DOY=163  Peak End times HaClass=SF 10:58 11:15 Importance=C6 Qual=04 10:51 10:51 10:57  Mavelength=2788A  Capeak.c/s=52 Qual=04 Tot Cts=133 Mac.=FK0  Carr.Lon.=65deg Mac.=FK0  Carr.Lon.=65deg Mac.=FK0  Carr.Lon.=65deg Mac.=FK0  Carr.Lon.=65deg  MackeV=102 Rast=240"x240" Step=15" Step=15" Step=0" Pitch=-448", Yaw=+308", Roll=-20deg  Rast=180"x1" Step=0" Pitch=-314 Qual=01 DOY=163  Mavelength=2788A  Qual=01 Dot Cts=201  MaxkeV=102 Rast=240"x240" Step=15" Step=0" Pitch=-314 Rast=240"x240" Step=15" Step=0" Pitch=-314 Rast=240"x240" Step=15" Step=15" Gad= 262s  Mavelength=2788A  Exp #=90431  Rast=240"x240" Step=15" Step=15" Cad= 262s  Mavelength=2788A  Exp #=90431  Rast=240"x240" Step=15" Step=15" Cad= 262s  Rast=240"x240" Step=15" Step=15" Cad= 262s  Rast=240"x240" Step=15" Step=15" Cad= 262s  Rast=240"x240" Step=15" Step=15" Cad= 262s  Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Step=15" Cad= 262s  Rast=240"x240" Step=15" Step=15" Cad= 262s  Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Step=15" Pitch=-314 Rast=240"x240" Pitch=-314 Rast=240"x240" Pitch=-314 Rast=240"x240" Pitch=-314 Rast=240"x240" Pitch=-314 Rast=240"x240" Pitch=-314 Rast=240"x240" Pitch=-314 Rast=240"x240" Pitch=-311" Rast=240"x240" Pitch=-314 Rast=240"x240" Pitch=-311" Rast=240"x240" Pitch=-311" Rast=240"x240" Pitch=-311" Rast=240"x240" Pitch=-311" Rast=240"x240" Pitch=-311" Rast=262s Rast=240"x240" Pitch=-311" Rast=262s	IVSP	10:07			Wavelength=2788A			Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-315	
10:58   11:15   Importance=C6   Qual=04   Peakc/s=51   Qual=04   Peakc/s=52   Qual=04   Tot Cts=133   MaxkeV=102   FePeak.c/s=12   FePeaks=1   dt= 3.8s   Rast=240"x240" Step=15" Cad= 262s   Rast=240"x240" Step=15" Cad= 262s   Rast=180"x1"   Step=0"   Pitch=-314"   Step=0"   Pitch=-311"   Pitch=-	vent # 19/06/12 S	= 11479 2,10:58 itart			S S	N20E30		Pitch=-448", Yaw	v=+308", Rol	]≈-20deg	H. Ang=35deg
Mavelength=2788A Code=01 Exp #=90430 Rast=180"x1" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Cad= 262s Rast=180"x1" Step=15" Cad= 262s C	ptical OES 1 XRBS 1 CS 1	.0:44 1:05:29 0:49	10:58 11:05:34	11:15 11:05:44	HaClass=SF Importance=C6 Peakc/s=51	\$18E59 Qual=04 Qual=01	AR5533 Tot Cts=133	Mac.=FKO MaxkeV=1 <u>0</u> 2		=65deg	H.Ang=61deg
D0Y=163 SMM Pointing: N20E30 Peak End times  Qual=00 Qual=00 11:37:46 11:38:08 Peakc/s=74 Qual=01 Tot Cts=201 MaxkeV=102 FePeak.c/s=15 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 262s Wavelength=2788A Exp #=90431 Rast=180"x1" Step=0" Pitch=-311"		0:39 Frequenc	y (MHz)/F		Careak.L/s=52 Wavelength=2788A 245/320 606/170		FePeak=10:49 Exp #=90430	FePeak.c/s=12 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 262s Pitch=-314'	XEN=916307 1.024s/pixel ', Yaw=+240"
11:37:46 11:38:08 Peakc/s=44 Qual=01 Tot Cts=201 Maxkev=102 11:42 11:44 CaPeak.c/s=74 Qual= 2 FePeak=11:42 FePeak.c/s=15 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 262s Wavelength=2788A Exp #=90431 Rast=180"x1" Step=0" Pitch=-311"	vent # 9/06/12 S	= 11484 ,11:42 tart	D0Y=163 Peak	End times	Pointing	N20E30		Pitch=-448", Yaw	=+308", Rol	=-20deg	H. Ang=35deg
11:38   Mavelength=2788A   Exp #=90431   Rast=240"x240"   Step=15"   Cad= 262s   Pitch=-311"	OES XRBS 1 CS 1.	1:37:15	11:37:46 11:42	11:38:08 11:44			Tot Cts≈201 FePeak=11:42	MaxkeV=102 FePeak.c/s=15		dt= 7.7c	χΕΝ=01630Ω
	1				Wavelength=2788A		Exp #=90431	Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=-311"	1.024s/pixel, Yaw=+233"

13.12   1.228   1.00	Event # 89/06/12	89	D0Y=163		SMM Pointing:	N20E29		Pitch=-444", Yaw=	, Yaw=+298", Roll=-20deg	=-20deg	H.Ang≖34deg
DOY=163         Find times         SWM Pointing:         N20E29         Pitch=444",Yaw=+288",Roll=-20deg           12:39         Peak         CaPeak         C/S=13         Qual=01         Tot Cts=5326         Haxkev=144",Yaw=+288",Roll=-20deg         EPeak         CaPeak         CaPeak         CoPeak         CaPeak         CoPeak	GOES HXRBS UVSP	49	Peak 12:26 12:24:54	End times 12:28 12:26:16	8 8	Qual=01 Qual=01 Code=00	Tot Cts=1390 Exp #=90432	+-4		Pitch=-310"	, Yaw=+230"
	Event # 89/06/1 GOES HXRBS	= 11481 2,12:46 Start 12:28 12:27:22	DOY=163 Peak 12:46 12:29:07	End time 12:51 12:31:19	ointing: tance=C5	N20E29 Qual=01 Qual=01		Pitch=-444", Yaw	. Rol.	=-20deg	H.Ang=34deg
DOY=163 End times HaClass=SN 13:09 13:0	BCS FCS UVSP Radio	12:25 13:12 Frequent	12:31 :y(MHz)/F 	13:17  lux(sfu): 	ak.c/s=114 length=2788 /59 	Qual= 1 Ssociated	FePeak=12:30 Exp #=90433 Event # = 11482 Tot Cts=1000	FePeak.C/S=21 Rast=240"x240" Rast=180"x1" 	Step=15" Step=0"	cad= 262s Pitch=-307'	1.024s/pixel  , Yaw=+223"
Poly   100   Peak   13:01:10	Event #	= 11483	2 7		Oointing.	NODE29		Pitch=-444"	=+298", Roll	=-20deg	H.Ang=34deg
12:58   13:03   13:08   Importance=C8   Qual=O1   Cts=751   Rast=180"x1"   Step=O"   Pitch=-307"   Start   Peak   End times   HaClass=SF   N24E33   AR5528   Mac.=FKC   Carr.Lon.=89deg   L5:55   L5:55   L6:00   CapeakC/s=94   Qual=O1   Cts=874   FePeak.c/s=0   FePeak.c	89/06/1 Ontical	2,13:03 Start	Peak	times	HaClass=SN	\$16E51	AR5533		Carr.Lon.=	:72deg	H.Ang=53deg
# = 11485 12.15:57 10.15 12.15:57 10.15 12.15:57 10.15		₹	13:03 12:59:3	13:08 13:01:10	Importance=C8 Peakc/s=54 Wavelength=2788A	Qual=03 Qual=01 Code=02	Tot Cts=751 Exp #=90433		Step=0"	Pitch=-307	",Yaw=+223"
Start   Peak   End times   HaClass=SF   N24E33   AR5528   Hac.=FKC   Carr.Lon.=89deg   Lib:53   15:55   Lib:59   Importance=C3   Qual=01   Tot Cts=874   MaxkeV=102   Step=0"   Cad=1.02s   Lib:54   Lib:55   Lib:00   CaPeak.c/s=84   Qual=01   Tot Cts=874   MaxkeV=102   Step=0"   Cad=1.02s   Lib:55   Lib:00   Capeak.c/s=84   Qual=01   Tot Cts=874   MaxkeV=102   Step=0"   Cad=1.02s   Lib:55   Lib:00   Cad=1.02s   Cad=1.02	Event #	t = 11485			Pointing	N20E27		Pitch=-436", Yaw	r=+277", Rol	]=-20deg	H.Ang=33deg
15:53   15:57   15:59   Importance=C3   Qual=O1   Tot Cts=874   FePeak.c/s=20   #Peaks=1   dt= 3.8s     15:54   15:55   16:00   CaPeak.c/s=84   Qual=O1   Tot Cts=874   FePeak.c/s=20   #Peaks=1   dt= 3.8s     15:54   15:55   16:00   CaPeak.c/s=84   Qual=O1   Tot Cts=874   FePeak.c/s=20   #Peaks=1   dt= 3.8s     16:16	Optical	Start		End tim	HaClass=SF	N24E33	AR5528	Mac.=FKC	Carr.Lon. ⁴	=89deg	H.Ang=40deg
# = 11486  #avelength=2788A	10	54 54 54	15:57 15:55:3 15:55	15:59 15:55:5 16:00	Importance=C3 Peakc/s=94 CaPeak.c/s=84	Qual=01 Qual=01 Qual= 1	Tot Cts=874 FePeak=15:55	MaxkeV=102 FePeak.c/s=20 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s Cad=1.02s	XEN=916310 1.024s/pixel
# = 11486 12,17:03	uvsp	6:1			a^	_	Exp #=90437	Rast=180"x1"	Step=0"	Pitch=-300	", Yaw=+201"
Start Peak End times HaClass=1N S19E55 AR5533 Mac.=FK0 Carr.Lon.=66deg  16:55 17:03 17:13 Importance=C7 Qual=04 Tot Cts=617 MaxkeV=102 Flags=SN Mayelength=2788A Code=00 Exp #=90438 Rast=180"x1" Step=0" Pitch=-298"  # = 22910	ven1	# = 11486 12,17:03	D0Y=16	1	1	N20E27		Pitch=-432", Yaw	v=+266", Rol	]=-20deg	H.Ang≈32deg
16:55 17:03 17:13 Importance=C/ Qual=04	Optica	Start	Peak	nd time		\$19E55	AR5533	Mac.=FKO	Carr.Lon.	=66deg	H.Ang=57deg
# = 22910 /12,18:35 D0Y=163 Start Peak End times Start Peak End times 18:34 18:35 18:37 CaPeak.c/s=21 Qual= 4 FePeak=18:34 FePeak.c/s=8 #Peaks=1 dt= 7.7s 18:34 18:35 18:37 CaPeak.c/s=21 Qual= 4 FePeak=18:34 Rast=240"x240" Step=10" Cad= 590s 18:36 Wavelength=2788A Exp #=90439 Rast=243"x243" Step=3" Pitch=-420	GOES HXRBS UVSP	5:55 6:58: 6:51	17:03 16:58:3	17:13 16:59:3	Importance=C7 Peakc/s=56 Wavelength=2788A	Qual=04 Qual=02 \ Code=00		MaxkeV=102 Rast=180"x1"	Flags=SN Step=0"	Pitch=-298	", Yaw=+197"
18:34 18:35 18:37 CaPeak.c/s=21 Qual= 4 FePeak=18:34 FePeak:c/s=8 #Feaks=1 ut= /./s Rast=240"x240" Step=10" Cad= 590s o 18:36 Wavelength=2788A Exp #=90439 Rast=243"x243" Step=3" Pitch=-420	Event 89/06/ GOFS	# = 2291( 12,18:35 Start	DOY=1 Peak	End time		Qua]=00		-		- 4 L	VEN-010-
	BCS FCS UVSP	.: :3	8:3	.: .:	a P			FePeak.c/s=8 Rast=240"x240" Rast=243"x243"		ut= /./s Cad= 590s Pitch=-42C	1.024s/pixel 1.024s/pixel )", Yaw=+268"

Event	# = 22911						When the second			
89/06/ Optica	89/06/12,18:54 Start Optical	D0Y=163 Peak	End times		M20E21		6 N			
SOES	-				M20E31 0ual=00	AK5528	Mac.=FKC	Carr.Lon.=89deg	.=89deg	H.Ang=36deg
803 F73	18:53	18:54	18:59	CaPeak.c/s=22	Qual= 4	FePeak=18:53	FePeak.c/s=9	#Peaks	dt= 7.7s	XEN=916312
JVSP	18:36			₩avelength=2788A		Exp #=90439	Rast=115"x115" Rast=243"x243"	Step=5" Step=3"	Cad=1083s 2 Pitch=-420",	2.048s/pixel ",Yaw=+268"
vent 39/06/	Event # = 11487 89/06/12,19:14	DOY=163		SMM Pointing:	N20E26		Pitch=-428", Yav	, Yaw=+255", Ro	, Roll=-20deq	H.Ana=32dea
)ptica	al Start	ה ה א	end times	HaClass=SF	S16E47	AR5533	Mac.=FK0	Carr.Lon.=73deg	.=73dea	H. Ann=49den
GOES HXRBS UVSP	19:03 19:03:48 18:36	19:14 3 19:04:19	19:24 19:04:26	Importance=C4 Peakc/s=51 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=244 Exp #=90439	MaxkeV=102 Rast=243"x243"		. /Jacy Pitch=-420"	", Yaw=+268"
vent 9/06/ ptica	Event # = 22912 89/06/12,21:38 Start Optical	DOY=163 Peak	End times	HaClass=SF	N21E28	AR5528	Mac.=FKC	Carrillon =01den	=01dea	H 0nn=244en
BCS BCS	21:38	21:38	21:43	CaPeak.c/s=25	Qual=00 Qual= 5	FePeak=21:38	FePeak.c/s=6	#Peaks=1	.75	XFN=916313
VSP VSP	21:41			Wavelength=1375A		Exp #=90442	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=-412",	1.024s/pixel ",Yaw=+245"
	2				89/06/13	3 D0Y=164				
vent 9/06/ ptica	Event # = 22913 89/06/13,00:55 Start Optical	D0Y=164 Peak	End times	HaClass=SF	S19W25	AR5524	Mac.=DSO	Carr. Lon. = 142 dea	=142dea	H Ance 32dea
BCS BCS	00:51	90:55	01:10	CaPeak.c/s=31	Qual=00 Qual= 1	FePeak=00:53		#Peaks=1	dt= 7.7s	XEN=916400
SS	00:20		_	Wavelength=1375A		Exp #=90460		Step=0" Step=5"	Cad=1.02s Pitch=-437	1.024s/pixel ', Yaw=+255"
/ent 9/06/	Event # = 22914 89/06/13,02:11 Start	DOY=164 Peak	End times							
805 805 805 905 905	02:00 02:16	02:11 02:16	02:15 02:19	HaClass=SF Importance=C5 CaPeak.c/s=27	N20E22 Qual=05 Qual= 5	AR5528 FePeak=02:17	Mac.=FKC FePeak.c/s=5		.75	H.Ang=29deg XEN=916401
SP.	02:19		<del></del>	Wavelength=1375A	Code=02	Exp #=90465	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=-399"	1.024s/pixel ',Yaw=+211"
<b>+</b> 10	# = 22915 /13,02:22 Start	D0Y=164 Peak	End times							
GOES BCS FCS	02:21	02:22	02:35 (	CaPeak.c/s=42	Qual=00 Qual= 1	FePeak=02:23	FePeak.c/s=12	#Peaks=1		XEN=916402
SP	02:19			Wavelength=1375A		Exp #=90465	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=-399"	1.024s/pixel ,Yaw=+211"

Event # = 22916 89/06/13,04:42 Start GOES 04:04 FCS 04:30	22916 4:42 [ rt   04 (	DOY=164 Peak 04:42	End times 04:44	CaPeak.c/s=84 Wavelength=1375A	Qual=00 Qual= 2	FePeak=04:42 Exp #=90478	FePeak.c/s=10 Rast=240"x240" Rast=30"x30"	#Peaks=2 Step=15" Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=-387",	XEN=916403 1.024s/pixel ',Yaw=+193"
Event # = 22917 89/06/13,05:37 60ES Start BCS 05:21 FCS 05:29 UVSP 05:29		DOY=164 Peak 05:37	End times 06:15	CaPeak.c/s=84 Wavelength=1375A	Qua]=00 Qua]= 4	FePeak=05:37 Exp #=90481	FePeak.c/s=7 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=-424	XEN=916404 1.024s/pixel ',Yaw=+181"
Event # = 11488 89/06/13,06:15 Start GOES HXRBS 06:15:21 UVSP 06:03 Radio Frequenc	11488 06:15 art 15:21 03 requenc	DOY=164 Peak 06:15:27 :y(MHz)/F	= 11488 3,06:15 DOY=164 Start Peak End times 06:15:21 06:15:27 06:15:42 06:03 Frequency(MHz)/Flux(sfu):	SMM Pointing: Peakc/s=44 Wavelength=1375A 245/51 410/170	N20E20 Qual=00 Qual=01	Tot Cts=101 Exp #=90485	Pitch=-399", Yaw MaxkeV=102 Rast=30"x30"	, Yaw=+176", Rol " Step=5"	,Roll=-20deg	H.Ang=27deg ", Yaw=+172"
Event # = 22918 89/06/13.07:21 60ES BCS 06:54 FCS 07:18	= 22918 3,07:21 Start 06:54 07:18	DOY=164 Peak 07:21	End times 07:48	CaPeak.c/s=42 Wavelength=1375A	Qual=00 Qual= 1	FePeak=07:20 Exp #=90490	FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	#Peaks=2 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-379	XEN=916405 1.024s/pixel 9",Yaw=+172"
Event # = 22919 89/06/13,08:27 60ES Start BCS 08:27 FCS 08:18	= 22919 3,08:27 Start 08:27 08:18	DOY=164 Peak 08:27	End times 08:32	CaPeak.c/s=19 Wavelength=2788A	Qual=00 Qual= 5	FePeak=08:27 Exp #=90493	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-256	XEN=916406 1.024s/pixel 16", Yaw=+83"
Event # = 11489 89/06/13,08:46 Start GOES HXRBS 08:46:10 UVSP 08:18	11489 08:46 art :46:10	D0Y=164 Peak 08:46:18	= 11489 3,08:46 DOY=164 Start Peak End times 08:46:10 08:46:18 08:46:28 08:18	SMM Pointing: Peakc/s=45 Wavelength=2788A	N20E18 Qual=00 Qual=01	Tot Cts=98 Exp #=90493	Pitch=-390", Ya MaxkeV=102 Rast=180"x1"	,Yaw=+153",Rol "Step=0"	,Roll=-20deg 0" Pitch=-256"	H.Ang=26deg
Event # = 22920 89/06/13,09:20 Start GOES BCS 09:15 FCS UVSP 09:16	= 22920 3,09:20 Start 09:15	DOY=164 Peak 09:20	End times 09:21	CaPeak.c/s=39 Wavelength=2788A	Qual=00 Qual= 3	FePeak=09:18 Exp #=90494	FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-254",	XEN=916407 1.024s/pixe1 4", Yaw=+76"

GOES BCS 09:59 FCS 09:50 UVSP 09:50	מים ב	700 Y	Fnd times							
SP 09:5	9 10:00		10:31	CaPeak.c/s=26	Qual=00 Qual= 5	FePeak=10:01	FePeak.c/s=9	#Peaks=1		XEN=016409
	0			₩avelength=2788A	æ	Exp #=90495	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-252",	1.024s/pixel ", Yaw=+72"
event # = 11491 89/06/13,13:27 Start	1491 :27 D0Y=164 t Peak		End times	SMM Pointing:	N20E16		Pitch=-377", Ya	, Yaw=+117", Ro	, Roll*-20deg	H.Ang=25deg
Optical Optical GOES 11:03	3 13:2			HaClass=SF HaClass=SF Importance=M1	\$19E42 N22E17 Oual=02	AR5533 AR5528	Mac.=FHI	Carr.Lon.=68deg Carr.Lon.=93deg	.=68deg .=93deg	H. Ang=46deg H. Ang=27deg
HXRBS 13:24:55 BCS 13:05 FCS	4:55 13:2 5 13:0	13:25:05 1 13:08 1	13:25:25 13:59	Peakc/s=84 CaPeak.c/s=476	Qual=01 Qual= 4	Tot Cts=515 FePeak=13:07	MaxkeV=102 FePeak.c/s=36		dt= 3.8s	XFN=916410
	,	1	•	Wavelength=2788A	•	Exp #=90500	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-241	1.024s/pixel
HXRBS 13:21:51 UVSP 12:55	13:2	1:58	:22:14	eakc/s=55 lavelength=2788	oc. /areu Qual=01	Event # = 11490 Tot Cts=151 Exp #=90499	MaxkeV=102 Rast=180"x1"		Di+ch=_2/43	
BCS 11:32	11:3		2:27		sociated Qual= 4	<pre>Event # = 22922 -ePeak=11:33</pre>	FePeak c/s=36		•	
		1	1			xp #=90497	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-248	1.024s/pixel   Yaw=+60"
BCS 14:37	14:43		5:32	' ເຮ	Ssociated Qual= 4	.vent # = 22924 :ePeak=14:43	FePeak.c/s=11		dt= 3.8c	XFN=016A11
14:29	_			Wavelength=2788A		Exp #=90501	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-265"	1.024s/pixel, Yaw=+28"
Event # = 11455 89/06/13,13:52 Start	455 52 D0Y=164 Peak		End times	SMM Pointing:	N20E16		Pitch=-377", Yaw=+117", Roll=-20deg	w=+117", Rol	1=-20deg	H.Ang≈25deg
GUES HXRBS 13:51:43 UVSP 13:54	:43 13:52:01		13:52:43	Peakc/s=61 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=575 Exp #=90500	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-241"	. Yaw=+41"
Event # = 11492 89/06/13,14:48 Start	492 48 DOY=164 Peak		Fnd times	SMM Pointing:	N22E15		Pitch=-401", Yaw	, Yaw=+100", Rol	, Roll=-20deg	H. Ang=26deg
cal				HaClass=SF	S19E43	AR5533	Mac.=FKI	Carr.Lon.=66deg	,	H. Ana=47dea
HXRBS 14:47:27 UVSP 14:29	:27 14:48:24		14:48:39 F	Peakc/s=62 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=972 Exp #=90501	MaxkeV=187 Rast=180"x1"	Step=0"	=-265"	Yaw=+28"
Event # = 22925 89/06/13,16:10 Start	925 10 D0Y=164 Peak	1	End times							
BCS 16:09	16:10		16:47 0	CaPeak.c/s=32	Qual=00 Qual= 5	FePeak=16:17	FePeak.c/s=7	#Peaks=1	dt= 7.7c	(FN=016A12
16:14			<u>.</u> £	Wavelength=2788A	-	Exp #=90503 F	Rast=115"x115" Rast=243"x243"	Step=5" Step=3"	Cad=1083s 2 Pitch=-387",	2.048s/pixel ",Yaw=+98"

Event # = 22925 89/06/13,17:43   Start Optical	5 DOY=164 Peak	End times	HaClass=SF	N16E26	AR5536		Carr.Lon.=81deg		H.Ang=30deg
GOES BCS 17:43 FCS 17:48 UVSP 17:48	17:43	17:51	CaPeak.c/s=23 Wavelength=1375A	Qual= 5	FePeak=17:44 Exp #=90504	FePeak.c/s=6 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=-382",	XEN=916413 1.024s/pixel ',Yaw=+86"
Event # = 22927 89/06/13,18:08 Start Optical	7 DOY=164 Peak	End times	HaClass=SF	\$25W58	AR5520		Carr.Lon.=165deg		H.Ang=62deg
GOES 18:06 BCS 18:06 FCS 17:50	18:08	18:14	CaPeak.c/s=19 Wavelength=1375A	Qual=00 Qual= 4	FePeak=18:06 Exp #=90505	FePeak.c/s=9 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=-390",	XEN=916414 1.024s/pixel ", Yaw=+89"
Event # = 22928 89/06/13,18:18 Start Optical	8 00Y=164 Peak	End times	HaClass=SF	N16E26	AR5536		Carr.Lon.=81deg		H.Ang=30deg
GUES 18:18 BCS 18:18 FCS 17:50	18:18	18:21	CaPeak.c/s=24 Wavelength=1375A	Qual= 4	FePeak=18:18 Exp #=90505	FePeak.c/s=7 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=-390",	XEN=916415 1.024s/pixel ",Yaw=+89"
Event # = 11493 89/06/13,19:50		i	SMM Pointing:	N22E12		Pitch=-385", Yaw	, Yaw=+59", Roll	, Roll=-20deg	H.Ang≕24deg
Start ptical		End times	HaClass=SF	N19E14	AR5528	Mac.=FKC	Carr.Lon.=92deg	=92deg	H.Ang≕23deg
GOES 19:41 HXRBS 19:41:28 BCS 19:21	19:50 28 19:42:12 19:47	20:13 2 19:44:52 19:56	<pre>Importance=U/ Peakc/s=176 CaPeak.c/s=365</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=7989 FePeak=19:45	MaxkeV=144 FePeak.c/s=89 Rast=240"x240"	#Peaks=2 Step=15"	dt= 7.7s Cad= 262s	XEN=916416 1.024s/pixel
_	9:39 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=1375A 8800/120	Code=00	Exp #=90510	Rast=30"x30"	Step=5"		, Yaw=+35"
Event # = 11494 89/06/13,20:54 Start	94 4 DOY=164 Peak	End times	SMM Pointing:	N22E12		Pitch=-385",Yav	, Yaw=+59", Roll	, Roll=-20deg	H.Ang=24deg
GOES HXRBS 20:52:21 BCS 20:48 FCS	21 20:52:27 20:54	7 20:52:33 21:16	Peakc/s=48 CaPeak.c/s=30	Qual=00 Qual=01 Qual= 4		MaxkeV=102 FePeak.c/s=6 Rast=0"x0"	#Peaks=3 Step=0" C+60=5"	dt= 7.7s Cad=1.02s pi+ch=-374	XEN=916417 1.024s/pixel 24. Yaw=+63."
UVSP 20:52			Wavelength=1375A	_	Exp #=90513	Kast=265 X265	c-danc	10011	20.
Event # = 11495 89/06/13,21:10 Start	95 0 DOY=164 Peak	End times	SMM Pointing:	N22E12		Pitch=-381",Yaw=+49",	w=+49",Rol]	,Roll=-20deg	H.Ang=24deg
GOES HXRBS 21:10:26 UVSP 20:56	9	.1 21:10:54	Peakc/s=63 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=196 Exp #=90515	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-337	Pitch=-337",Yaw=+70"

Start	Peak	End times							
22:57	22:58	23:04	CaPeak.c/s=24	Qual=00 Qual= 4	FePeak=22:57	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=916418
22:46			Wavelength=1375A	æ	Exp #=90524	Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s Pitch=+171	=
# = 2203				89/06/14	14 DOY=165				
89/06/14,00:03 Start SoFs	D0Y=165 Peak	End times						The second secon	
00:05	00:03	80:00	CaPeak.c/s=26	Qual=00 Qual= 4	FePeak=00:04	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=916500
00:02			Wavelength=1375A		Exp #=90529	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-318",	1.024s/pixel ", Yaw=+32"
Event # = 2293] 89/06/14,00:39 Start Socs	1 D0Y=165 Peak	End times							
00:39	00:39	00:42	CaPeak.c/s=24	Qual=01 Qual= 4	FePeak=00:39	FePeak.c/s=10	#Peaks=1	dt= 3.8c	XEN=016501
00:28			Wavelength≖1375A		Exp #=90533	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-287",	1.024s/pixel ",Yaw=+8"
Event # = 22932 89/06/14,01:57 Start Optical GGES	2 D0Y=165 Peak	End times	HaClass=SF	N15E23	AR5536	Mac.=DSO	Carr. Lon. =80dea	=80dea	H Ang=27deg
01:46	01:57	90:20	CaPeak.c/s=50	Qua =00 Qual= 1	FePeak=01:54	FePeak.c/s=8	#Peaks=1	1 = 3 %c	YEN-016502
01:47		į	Wavelength=1375A		Exp #=90540	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-283'	1.024s/pixel ", Yaw=-2"
Event # = 11497 89/06/14,03:17 Start	00Y=165 Peak	End times	SMM Pointing:	N22E08		Pitch=-364", Yaw	, Yaw=+3", Roll=-20deg	-20deg	H.Ang=23deg
			HaClass=SF	N17E06	AR5528	Mac.=FKC	Carr.Lon.=96deg	-96deg	H.Ang=17deg
HXRBS 03:15:45 UVSP 02:50 Radio Frequen	03:15:45 03:17:12 03:19:41 02:50 Frequency(MHz)/Flux(sfu):		Peakc/s=238 Qual=01 Wavelength=2788A 245/100 410/240 8800/80	Qual=01 8800/80 15	1 Tot Cts=4338 Exp #=90545 15400/77	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-230"	, Yaw≖-66"
Event # = 11496 89/06/14,03:18 Start	D0Y=165 Peak	End times	SMM Pointing:	N22E08		Pitch=-364", Yaw	, Yaw=+3", Roll=-20deg	20deg	H.Ang≈23deg
;			HaClass=SF	N14W04 Oual=04	AR5536	Mac.=DSO	Carr.Lon.=106deg	106deg	H.Ang=14deg
HXRBS 03:00:51 BCS 02:59 FCS	03:05:39 03:18	03:09:37 03:51	Peakc/s=201 CaPeak.c/s=146	Qual=01 Qual= 1	Tot Cts=10773 FePeak=03:18	MaxkeV=144 FePeak.c/s=27		dt= 7.7s	XEN=916503
02:50 Frequent	02:50 Frequency(MHz)/Flux(sfu).		Wavelength=2788A		Exp #=90545	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=-230"	1.024s/pixel

Event #	Event # = 11498 89/06/14.03:35	D0Y=165		SMM Pointing:	N22E08		Pitch=-364", Yaw	, Yaw=+3", Roll=-20deg		H.Ang=23deg
GOES HXRBS UVSP	Start 03:35:36 03:48	Peak 03:35:48	End times 03:36:09	Peakc/s=57 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=223 Exp #=90546	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-228",Yaw=-73	, Үаw=-73"
Event 4 89/06/1 GOES BCS FCS UVSP	Event # = 22933 89/06/14,04:55 Start GOES BCS 04:53 FCS UVSP 05:19	DOY=165 Peak 04:55	End times 04:59	CaPeak.c/s=29 Wavelength=2788A	Qual= 1 Qual= 1	FePeak=04:54 Exp #=90548	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-223",	XEN=916504 1.024s/pixel ", Yaw=-85"
Event 4 89/06/7 60ES HXRBS UVSP	Event # = 11503 89/06/14,05:01 Start GOES HXRBS 05:01:15 UVSP 05:19	DOY=165 Peak 05:01:35	End times 05:01:45	SMM Pointing: Peakc/s=44 Wavelength=2788A	N22E08 Qual=00 Qual=01	Tot Cts=105 Exp #=90548	Pitch=-360", Yaw=-9",Roll=-20deg MaxkeV=102 Rast=180"x1" Step=0" Pitch	/=-9",Roll=. Step=0"	=-223"	H.Ang=22deg ,Yaw≖-85"
Event 89/06/ 89/06/ GOES HXRBS GRS UVSP Radio HXRBS	# = 11499 14,06:18 Start 06:06 06:06:41 06:07:00 05:56 Frequent	DOY=165 Peak 06:18 06:07:09 cy (MHz)/F	Event # = 11499 89/06/14,06:18	SMM Impo Peak Wave 1415	N22E07 Qual=01 Qual=01 Code=01 0 4995/14( ssociated Qual=01	Pointing: N22E07 Pitch=-355",  rtance=M1 Qual=01c/s=1059 Qual=01 Tot Cts=27850 MaxkeV=321c/s=1059 Qual=01 Exp #=90549 Rast=180"x1" /130 2695/200 4995/140 8800/150 15400/89 Associated Event # = 11500 Associated Event # = 11500	Pitch=-355", Yaw MaxkeV=321 Rast=180"x1" /89 MaxkeV=102	,Yaw=-21",Roll; Flags=M5 " Step=0"	,Roll=-20deg	H.Ang=22deg Dur=60sec ", Yaw=-90"
Event # 89/06/1	Event # = 22934 89/06/14,07:34 Optical GOES 07:27 BCS 07:37 FCS 07:28	DOY=165 Peak 07:34 07:37	End times 07:41 07:54	HaClass=SF Importance=C8 CaPeak.c/s=143 Wavelength=2788A	N15E01 Qual=05 Qual= 5 Code=00	AR5528 FePeak=07:37 Exp #=90551	Mac.=FKC FePeak.c/s=21 Rast=240"x240" Rast=180"xI"	Carr.Lon.=99deg #Peaks=1 dt= 3 Step=15" Cad= Step=0" Pitch	.8s 262s =-217'	H.Ang=14deg XEN=916505 1.024s/pixel ',Yaw=-102"
Event 89/06/ 60ES HXRBS BCS FCS UVSP	Event # = 11501 89/06/14,08:26 Start GOES HXRBS 08:19:26 BCS 08:19 FCS 08:25 UVSP 08:25	DOY=165 Peak 08:19:28 08:26	End times 3 08:20:34 08:32	SMM Pointing: Peakc/s=49 CaPeak.c/s=111 Wavelength=2788A	N22E06 Qual=00 Qual=01 Qual= 1	Tot Cts=387 FePeak=08:26 Exp #=90552	Pitch=-351", Yaw=-33", Roll=-20deg MaxkeV=102 FePeak.c/s=25 #Peaks=1 dt= 7. Rast=240"x240" Step=15" Cad= 2 Rast=180"x1" Step=0" Pitch=	#=-33", Roll #Peaks=1 Step=15" Step=0"	7s 62s -214	H.Ang=22deg XEN=916506 1.024s/pixel ", Yaw=-109"

09:10 09:14 CaPeak.c/s-23 Qual=00	Event # = 22935 89/06/14,09:10 Start	1935 10 DOY=165 Peak	End times							
Note   First   First   Note   First	) ES 09:10	00:10	_	CaPeak.c/s=2	Qual=00 Qual= 5		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=916507
District   District	SP 09:01			₩avelength=2788A		Exp #=90553	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-213	1.024s/pixel ",Yaw=-114"
93:35 00:40	ent # = 11 /06/14,09: Start	502 35 DOY=165 Peak	Fnd + imes	SMM Pointing	N22E05	70	Pitch=-346", Yau	w=-45", Roll	=-20deg	H.Ang=22deg
DOY=165 Peak End times Havelength=2788A  Capeak.c/s=23 Qual=0  DOY=165  Havelength=2788A  End times Havelength=2788A  End times  SHM Pointing: N22E04  (MHZ)/Flux(sfu): SHM Pointing: N22E03  Fepeak.c/s=10  DOY=165  Bast=180°x1" Step=0" Pitch=-210  Rast=180°x1" Step=0" Pitch=-210  Pitch=-341", Yaw=-56", Roll=-20deg  Pitch=-341", Yaw=-56", Roll=-20deg  Pitch=-341", Yaw=-56", Roll=-20deg  Pitch=-341", Yaw=-56", Roll=-20deg  Rast=180°x1" Step=0" Pitch=-20deg  Pitch=-341", Yaw=-56", Roll=-20deg  Rast=180°x1" Step=0" Pitch=-20deg  Rast=180°x1" Step=0" Pitch=-339", Yaw=-68", Roll=-20deg  Rast=240°x243" Step=3" Pitch=-330"  Rast=240°x243" Step=3" Pitch=-2330"  Rast=240°x243" Step=3" Pitch=-2330"	ES 09:31 RBS 09:32 SP 09:58	.37 09:32:54	09:40 09:33:03	Importance=C4 Peakc/s=45 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=128 Exp #=90554	-	Step=0"	Pitch=-210	", Yaw=-121"
10:01   10:04	ent # = 22 /06/14,10:0 Start		End times							
DOY=165    Mavelength=2788A   Exp #=90554   Rast=180"x0"   Step=0" Cad=1.02s		-	10:04	CaPeak.c/s=23	Qual=00 Qual= 1	FePeak=10:02	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=916508
DOY=165  End times  10:45  10:44  10:45  10:45  10:45  10:45  10:45  10:45  10:45  10:45  10:44:19  10:45	P 09:58			Wavelength≈2788A		Exp #=90554	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-210	1.024s/pixel ',Yaw=-121"
10:45 10:47   Importance=C7   Qual=04   Tot Cts=1585   MaxkeV=102   GaPeak.c/s=29   Qual=01   Tot Cts=1585   MaxkeV=102   Step=O" Cad=1.02s   GaPeak.c/s=29   Qual=01   Tot Cts=165   Rast=180"x1"   Step=O" Cad=1.02s   Mayelength=2788A   Code=00   Exp #=90555   Rast=180"x1"   Step=O" Cad=1.02s   Mayelength=2788A   Code=00   Exp #=90555   Rast=180"x1"   Step=O" Cad=1.02s   Mayelength=2788A   Code=00   Exp #=90555   Rast=180"x1"   Step=O" Cad=1.02s   Maxelength=2788A   Code=00   Exp #=90557   Carr.Lon.=96deg   Max.Class=SF   Qual=01   Tot Cts=3462   Rast=240"x240"   Step=15   Cad=262s   Cad=262s   Maxelength=2788A   Code=00   Tot Cts=3462   Rast=240"x243"   Step=15   Cad=262s	nt # = 11: 06/14,10:4	504 45 DOY=165 Peat		SMS	N22E04		Pitch=-341", Yaw	v=-56", Roll	=-20deg	H. Ang=21deg
Type/Intensity: V/3	S 10:42 BS 10:42 10:43	10:45 10:42:59 10:45	10:47 10:44:19 10:55	Importance=C7 Peakc/s=105 CaPeak.c/s=29	Qual=04 Qual=01 Qual= 4	Tot Cts=1585 FePeak=10:46	MaxkeV=102 FePeak.c/s=10	#Peaks=1	7s	XEN=916509
DOY=165         SMM Pointing:         N22E03         Pitch=-339", Yaw=-68", Roll=-20deg           Peak         End times         HaClass=SF         N16E01         AR5528         Pac.=FKC         Carr.Lon.=96deg           12:18:18         12:19:37         PeakC/s=171         Qual=00         Tot Cts=3462         MaxkeV=144         Carr.Lon.=96deg           12:20         13:10         CaPeak.c/s=112         Qual=01         Tot Cts=3462         MaxkeV=144         Fepaks=1         dt= 3.8s           Navelength=2788A         Exp #=90557         Rast=240"x243"         Step=15"         Cad= 262s           Peak         Exp #=90557         Rast=243"x243"         Step=3"         Pitch=-330"           Peak         HaClass=SF         N22E03         N22E03         Pitch=-339", Yaw=-68", Roll=-20deg           Peak         L2:21:12         Peakc/s=54         Qual=01         Tot Cts=417         MaxkeV=102           Navelength=2788A         Exp #=90557         Rast=243"x243"         Step=3"         Pitch=-330"           Type/Intensity:         III/1         Exp #=90557         Rast=243"x243"         Step=3"         Pitch=-20deg	P 10:33 io Sweeps io Frequ	Type/I Jency (MHz)/F		Wavelength=2788A V/3 245/2000	Code=00	Exp #=90555	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=-208'	1.024s/pixel ",Yaw≈-126"
HaClass=SF	nt # = 115 06/14,12:2 Start	505 20 DOY=165 Peak	End times	Pointing	N22E03		Pitch=-339", Yaw	/=-68", Roll:	20deg	H.Ang=21deg
12:17:27 12:18:18 12:19:37 Peakc/s=171 Qual=01 Tot Cts=3462 Peeak.c/s=22 #Peaks=1 dt= 3.8s	ical			Class=SF	N16E01	AR5528	Mac.=FKC	Carr.Lon.	-96deg	H.Ang≖15deg
12:20	8S 12:17: 12:15	:27 12:18:18 12:20	12:19: 13:10		Qual=01 Qual=01 Qual= 4	Tot Cts=3462 FePeak=12:20	MaxkeV=144 FePeak.c/s=22	#Peaks=1	dt= 3.8s	XEN=916510
# = 11506 4,12:20 DOY=165 SMM Pointing: N22E03 Pitch=-339",Yaw=-68",Roll=-20deg Start Peak End times HaClass=SF N20E05 AR5528 Mac.=FKC Carr.Lon.=92deg 12:20:11 12:20:56 12:21:12 Peakc/s=54 Qual=01 Tot Cts=417 MaxkeV=102 Wavelength=2788A Exp #=90557 Rast=243"x243" Step=3" Pitch=-330"	_	iency (MHz)/F		Wavelength=2788A 245/62 8800/56		Exp #=90557	Rast=240"x240" Rast=243"x243"	Step=15" Step=3"	Cad= 262s Pitch=-330"	1.024s/pixel ',Yaw=-57"
HaClass=SF N20E05 AR5528 Mac.=FKC Carr.Lon.=92deg Qual=01 12:20:11 12:20:56 12:21:12 Peakc/s=54 Qual=01 Tot Cts=417 MaxkeV=102 Wavelength=2788A Exp #=90557 Rast=243"x243" Step=3" Pitch=-330"	nt # = 115 06/14,12:2 Start		i	1	N22E03		Pitch=-339", Yaw	68", Roll=	20deg	H.Ang=21deg
12:20:11 12:20:56 12:21:12 Peakc/s=54 Qual=01 Tot Cts=417 MaxkeV=102 12:20 Wavelength=2788A Exp #=90557 Rast=243"x243" Step=3" weeps Type/Intensity: III/1	ical S			Class=SF	N20E05	AR5528	Mac.≈FKC	Carr.Lon.=	92deg	H.Ang=20deg
	BS 12:20: P 12:20 io Sweeps	12	12:21:12 tensity:	c/s=54  ength=2788A 	Qual=01	Tot Cts=417 Exp #=90557	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-330"	, Yaw=-57"

Event # = 11507 89/06/14,12:44	D0Y=165		SMM Pointing:	N22E03		Pitch=-339", Yaw=-68", Ro	, Roll=-20deg	H.Ang=21deg
Start 12:44:05 12:20	Peak 12:44:34	End times 12:44:58	Peakc/s=47 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=245 Exp #=90557	MaxkeV=102 Rast=243"x243" Step=3"	Pitch=-330"	, Yaw=-57"
Event # = 11508 89/06/14,12:50 Start GOES HXRBS 12:50:01 UVSP 12:20 Radio Frequenc	= 11508 ,12:50	End times 12:53:04 lux(sfu):	SMM Pointing: Peakc/s=314 Wavelength=2788A 8800/59	N22E03 Qual=00 Qual=01	Tot Cts=6517 Exp #=90557	Pitch=-339", Yaw=-68", Roll=-20deg MaxkeV=187 Rast=243"x243" Step=3" Pitch=	-330"	H.Ang=21deg ', Yaw=-57"
14 × 14 × 11 × 14	DOY=165 Peak 12:56:32	End times 12:57:51	SMM Pointing: Peakc/s=73 Wavelength=2788A	N22E03 Qual=00 Qual=01	Tot Cts=1543 Exp #=90557	Pitch=-339", Yaw=-68", Ro MaxkeV=102 Rast=243"x243" Step=3"	]]=-20deg	H.Ang=21deg , Yaw=-57"
_ ww	D0Y=165 Peak 13:55 13:52:43 Type/I	End times 14:19 13:57:52 13:54:00 Intensity:	MM Figure 11/21/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	N22E03 S16W75 S16W76 Qual=01 Qual=01 Code=00	Class=1N S16W75 AR5521 S16W76 AR5521 S16W76 AR5521 rtance=M3 Qual=01 c/s=32070 Qual=01 Tot Cts=1.49E+5 length=1375A Code=00 Exp #=90558 3 IV/3 1800 410/190 606/66 1415/180 2695/320 Associated Event # = 11510	Pitch=-332", Yaw= Mac.=FA0 MaxkeV=858 >10MeV=Y Rast=265"x265" 4995/610 8800/32	20deg 71deg 72deg itch=-324	H.Ang=21deg H.Ang=76deg H.Ang=77deg Dur=120sec ', Yaw=-68"
HXRBS 13:46:10 Radio Frequent HXRBS 13:49:23 - 13:48 FCS 13:56 UVSP 13:56	3:46:10 13:46:31 13 Frequency (MHz)/Flux 3:49:23 13:49:27 13 3:48 13:57 14	:47:28 (sfu): :49:39	eak 1695 1 SaPe	Associated Qual=01 Associated Qual=01 Associated Qual= 4	Event # = 11511 Tot Cts=985 Event # = 11511 Tot Cts=170 Event # = 22937 FePeak=13:57 Exp #=90560	MaxkeV=144  MaxkeV=144  Ference	dt= 7.7s Cad= 262s Pitch=-217	 XEN=916511 1.024s/pixel
Event # = 12552 89/06/14,15:53 Start Optical GOES 15:49 HXRBS 15:49:11 FCS 15:21 FCS 15:21 HXRBS 15:45 UVSP 15:45	00 Pe 115 115 115	# 165 ak End times :53 16:01 :49:56 15:53:22 :52 15:55	SMM Pointing: HaClass=SF Importance=M1 Peakc/s=20 CaPeak.c/s=36 Wavelength=13	N22E02 N17W01 Qual=03 Qual=01 59 Qual= 1 875A Code=00 Associated Qual=01	AR5528 Tot Cts=8850 FePeak=15:52 Exp #=90569 Event # = 12551 Tot Cts=514	Pitch=-328", Yaw=-92" Mac.=FKC Carr MaxkeV=144 Flag FePeak.c/s=87 #Pea Rast=240"x240" Step Rast=30"x30" Step MaxkeV=102 Flag	=-20deg =96deg dt= 3.8s Cad= 262s Pitch=-202	H.Ang=21deg H.Ang=16deg  XEN=916512 1.024s/pixel ", Yaw=-154"

16.44   17.08   17.00   17.11   1.00   1.0	Event # = 11516 89/06/14,16:44	= 11516 4,16:44	DOY=165	1	SMM Pointing:	N22E01	* * * * * * * * * * * * * * * * * * *	Pitch=-323", Ya	, Yaw=-104", Ro]	,Roll=-20deg	H.Ana=21dea
	Optical GOES	16:25	16:44	17.08	HaClass=SF	N21W00	AR5528	Mac.=FKC	Carr.Lon.	.=95deg	H.Ang=20deg
16:58:33   7:00:05   7:01:05   PeekC/s=72   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Associated Event # =   15:15   PeekC/s=06   Qual=00   Dit Cts=120   Pitch=-322", Yaw=-106", Politich=-203   Associated Event #   18:25   Associated Event #   18:25   Associated Event #   18:25   Associated Event #   18:25   Associated Event #   18:25   Associated Event #   18:25   Associated Event #   18:25   Associated Event #   18:25   Associated Event #   18:30   Associated Event #   18:3	• ,	16:55:02 16:58 Weeps Frequen	Type/ Type/ Type/	8 16:56:18 Intensity: Flux(sfu):	Importance-nc Peakc/s=91 Wavelength=1375 III/3 V/3 245/830	vual≅03 Qual=01 iA	Tot Cts=1406 Exp #=90572	MaxkeV=102 Rast=265"x265"		Pitch=-316	.", Yaw=-92"
16:54:37   16:54:44   16:54:41   Peak(/s=68   Qual=16]   Tof (Ts=1193   HaxkeV=102     16:53   17:00   17:11   CaPeak.C/s=196   Qual=16   FePeak=17:00   FePeak.C/s=51   FePeak=17:00     16:53   17:00   17:11   CaPeak.C/s=196   Qual=16   FePeak=17:00   FePeak.C/s=51   FePeak=17:00     17:00   Haxelength=1375A   Exp #=90574   Rast=13"x13"   Step=11"   Pitch=-208     17:11   Top		16:58:33	17:00:0	5 17:01:05	Peakc/s=72	Associated Qual=01 Associated	Event # = 11517 Tot Cts=1245 Event # = 11519	MaxkeV=102	1 1	1 1	1
17:00		16:54:37	16:54:44	4 16:54:51	Peakc/s=68	Qual=01 Associated	Tot Cts=119 Event # = 22938	MaxkeV=102		1 1 1 1 1 1	1 1 1 1 1 1 1 1
17:21	FCS UVSP 1	00:21		17:71	CaPeak.c/s=196 Wavelength=1375		FePeak=17:00 Exp #=90574		#Peaks=1 Step=15" Step=1"	dt= 3.8s Cad= 262s Pitch=-203	<pre>KEN=916513 1.024s/pixel Yaw=-144"</pre>
17:21:05   17:21:12   17:21:32   PeakC/s=56   Qual=01   Tot Cts=210   MaxkeV=144   Flags=1   Pitch=-203     17:00   17:21:12   17:21:32   PeakC/s=56   Qual=01   Tot Cts=210   MaxkeV=144   Pitch=-203     18:20   DOV=165   End times   HaClass=SF   N16W05   Exp #=90574   MaxkeV=144   Peak   Pea	Event # 89/06/14 S	= 12553 1,17:21 tart		End	1	N22E01		Pitch=-322", Yaw	v=-106", Rol		H.Ang=21deg
# = 22939 Start Peak End times	SOES AXRBS 1 JVSP 1	7:21:05		17:2	Peakc/s=56 Wavelength=1375			MaxkeV=144 Rast=13"x13"	Flags=I Step=1"	Pitch=-203	", Yaw=-144"
18:26 18:26 18:26 18:45 Capeak.c/s=77 Qual= 5 FePeak=18:29 FePeak.c/s=13 #Peaks=1 dt= 3.8s  18:30	event # 39/06/14 Sptical Sptical	= 22939 1,18:20 tart 8:16	l	End times	HaClass=SF	N16W05	AR5528	Mac.=FKC	Carr.Lon.	=99deg	H.Ang=16deg
18:48		8:26	.2.	55	Capeak.c/s=77 Wavelength=1375/		ak=18:29 #=90575	FePeak.c/s=13 Rast=240"x240" Rast=265"x265"		dt= 3.8s Cad= 262s Pitch=-311	XEN=916514 1.024s/pixel ".Yaw=-104"
# 11513 4,20:19	vent # 9/06/14 S 0ES CS 11 CS VSP 18	= 22940 ,18:48 tart 8:47 8:34	DOY=165 Peak 18:48	End times 18:55	CaPeak.c/s=25 Wavelength=1375A		ak=18:47 #=90577	FePeak.c/s=10 Rast=240"x240" Rast=30"x30"	1	.	XEN=916515 1.024s/pixel
20:19:02 20:19:17 20:19:54 Peakc/s=269 Qual=01 Tot Cts=2076 MaxkeV=231 Flags=M5 20:06 Wavelength=1375A Exp #=90584 Rast=10"x10" Step=0" Pitch=-210" Weeps Type/Intensity: III/3 Frequency(MHz)/Flux(sfu): 8800/60 15400/110	vent # 9/06/14 Sptical	i	DOY=165 Peak	}	Σ :	N22W01 \$23W54	AR5524	Pitch=-314", Yaw Mac.=CA0	=-128", Rol	}	H.Ang=58deg
	XRBS 24 VSP 24 adio Swe	0:19:02 0:06 eeps Frequenc	20:19:17 Type/Ir :y (MHz)/F1	20:19:54 ntensity: lux(sfu):	Peakc/s=269 Wavelength=1375A 111/3 8800/60 15400/11	Qual=00 Qual=01	Tot Cts=2076 Exp #=90584	MaxkeV=231 Rast=10"x10"	Flags=M5 Step=0"	Pitch=-210"	, Yaw=-158"

89/06/1	89/06/14,21:39	DOY=165		SMM Pointing:	N22W02		Pitch=-310", Yaw	, Yaw=-140", Rol	, Roll≖-20deg	H.Ang=Zideg
Optical	Start	Peak	End times	HaClass=SF	S15W77	AR5521		Carr.Lon.=169deg	=169deg	H.Ang=78deg
GOES HXRBS BCS	21:31 21:32:39 21:35	21:39 21:33:13 21:39	21:44 21:33:33 21:46	Importance=C7 Peakc/s=256 CaPeak.c/s=44	Qual=04 Qual=01 Qual= 1	Tot Cts=3032 FePeak=21:39	MaxkeV=187 FePeak.c/s=12	#Peaks=1 Step=0"	dt= 7.7s X Cad=1 02c 1	XEN=916516
FCS UVSP	21:40			Wavelength=1375A Code=02	7	Exp #=90592	Rast=150"x150"		Pitch=-245"	, Yaw=-185"
HXRBS	21:40:05	21:40:14	21:40:22	Peakc/s=46	Associated Qual=01	Tot Cts=90	MaxkeV=102			
Event # 89/06/1	Event # = 11524 89/06/14,23:17	D0Y=165	:	SMM Pointing:	N22W02		Pitch=-307", Yaw	, Yaw=-151", Rol	, Roll=-20deg	H.Ang=21deg
Optical	Start	Peak	End times	HaClass=SF	\$21E25	AR5533	Mac.=FKO	Carr.Lon.=66deg	=66deg	H.Ang=33deg
GOES HXRBS BCS	23:10 23:11:06 23:17	23:1/ 23:12:14 23:18	23:25 23:16:16 23:20	Importance=t8 Peakc/s=124 CaPeak.c/s=23	Qual=01 Qual=01 Qual= 1	Tot Cts=7511 FePeak=23:18	MaxkeV=102 FePeak.c/s=8	#Peaks=1 <+en=0"	dt= 7.7s Cad=1 02s	XEN=916517 1.024s/pixel
UVSP UVSP	23:11	Type/1	Twoo/Intensity.	Wavelength=1375A v/2	Code=00	Exp #=90601	Rast=70"x70"	Step=5"	Pitch=-211'	", Yaw=-167"
	23:06:41 23:09	23	07:01	c/s=55 length=137	Associated Qual=01 5A	Event # = 11523 Tot Cts=166 Exp #=90600	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-298"	. , Yaw=-140"
Event 89/06/	Event # = 11525 89/06/14,23:37	DOY=165	:	SMM Pointing:	N22W02		Pitch=-307", Yaw	, Yaw=-151", Roll=-20deg	]=-20deg	H.Äng≈21deg
Optica	Start 1	Peak	End times	HaClass=SF	N13W63	AR5526	Mac.=BX0	Carr.Lon.=154deg	=154deg	H.Ang=63deg
GOES HXRBS BCS	23:34:50 23:37	23:35:27	7 23:36:02 23:40	Peakc/s=114 CaPeak.c/s=21	Qual=00 Qual=01 Qual= 4	Tot Cts=1260 FePeak=23:37	MaxkeV=144 FePeak.c/s=6	#Peaks=1 Sten=0"	dt= 7.7s Cad=1.02s	XEN=916518 1.024s/pixel
FCS UVSP Radio		ıcy (MHz)/	23:11 Frequency(MHz)/Flux(sfu):	Wavelength=1375A 410/120		Exp #=90601	Rast=70"x70"	Step=5"	Pitch=-211	", Yaw=-167"
					89/06/15	5 D0Y=166				
Event 89/06/	Event # = 12554 89/06/15,02:34	4 DOY=166		SMM Pointing:	N22W04		Pitch=-297", Yaw	, Yaw=-176", Rol	, Roll=-20deg	H.Ang=21deg
Optica	Start	Peak	End times	HaClass=SF	N13W59	AR5526	Mac.=BX0	Carr.Lon.=148deg	=148deg	H.Ang=60deg
GOES HXRBS UVSP	02:34:37 02:57	7 02:34:57	7 02:36:16	Peakc/s=56 Wavelength=2788A		Tot Cts=582 Exp #=90604	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-160	Pitch=-160", Yaw=-253"
Event # = 2294 89/06/15,02:33 Start Optical	# = 22942 15,02:37 Start ]	2 D0Y=166 Peak	End times	HaClass=SF	N13459	AR5526	Mac.=BX0	Carr.Lon.=148deg	=148deg	H.Ang=60deg
60ES BCS	02:36	02:37	02:43	CaPeak.c/s=31	Qual=00 Qual= 4	FePeak=02:37	FePeak.c/s=9	#Peaks=1	dt= 7.7s X	XEN=916600
ECS WSP	02:57			₩avelength=2788A	⋖	Exp #=90604	Rast=180"x1"	Step=0"		", Yaw=-253"

89/06/15,03:01 Start	3:01 DOY rt Pea	DOY=166 Peak	End times							
BCS 03:0	:01 03:	:01	03:04	CaPeak.c/s=19	Qual=00 Qual= 3	FePeak=03:01	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=916601
SP 02:	57			Wavelength=2788	۷.	Exp #=90604	Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=-160",	1.024s/pixel ",Yaw=-253"
Event # = 22944 89/06/15,03:43 Start	22944 3:43 DOY rt Pea	D0Y=166 Peak	End times							
BCS 03:47	2 03	:43	04:05	CaPeak.c/s=35	0ual=00 0ual= 4	FePeak=03:43	FePeak, c/s=8	#Peaks=1	dt= 7.7s	XEN=916602
P 03:3	34			Wavelength=2788⊅		Exp #=90605	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-158"	1.024s/pixel ",Yaw=-257"
Event # = 389/06/15,07	12555 7:42 DOY	=166 k	End +imag	SMM Pointing:	N22W07	4	Pitch≖-281",Ya	, Yaw=-219", Rol	, Roll∗-20deg	H.Ang=22deg
GOES 07:3 HXRBS 07:3 BCS 07:3	07:36 07:36:53 07:38 07:38	07:42 07:37:10 07:38	07:47 07:38:44 07:39	Importance=C6 Peakc/s=86 CaPeak.c/s=45	Qual=02 Qual=01 Qual= 2	Tot Cts=1810 FePeak=07:38	MaxkeV=102 FePeak.c/s=19	Flags=I #Peaks=1	dt= 3.8s	XEN=916603
0,0	:35 :39:42 07:	39:51	07:40:08	Wavelength=2788A A: Peakc/s=61	Code=00 Associated Qual=01	Exp #=90610   Event # = 12556   Tot Cts=179	Kast=U"xU" Rast=180"x1" MaxkeV=102	Step=0" Step=0" Flags=I	Cad=.26s 0 Pitch=-147", 	0.256s/pixel ",Yaw≖-289" 
Event # = 1 89/06/15,09	<u> </u>	=166	1	SMM Pointing:	N22W08		Pitch=-277", Ya	, Yaw=-232", Rol	, Roll=-20deg	H.Ang=22deg
GOES 09:12 HXRBS 09:13:1 BCS 09:13:	∞,	09:17 09:13:40 09:13	End times 09:23 09:14:01 09:15	Importance=C5 Peakc/s=53 CaPeak.c/s=21	Qua]=02 Qua]=01 Qua]= 6	Tot Cts=245 FePeak=09:13	MaxkeV=102 FePeak.c/s=10	Flags=I #Peaks=1	dt= 7.7s	XEN=916604
P 09:4	53			Wavelength=2788A	_	Exp #=90613	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-140'	Cad=1.02s 1.024s/pixe7 Pitch=-140", Yaw=-304"
Event # = 22945 89/06/15,09:53 Start 60ES BCS 09:53		166	End times 09:57	CaPeak.c/s=30	Qua]=00 Qua]= 5	FePeak=09:54	FePeak.c/s=11		dt= 7.7s	XEN=916605
09:43	<b>ε</b>			Wavelength=2788A		Exp #=90613	Rast=180"x1"	Step=0"	cad=1.02s 1 Pitch=-140",	1.024s/plxe! ',Yaw=-304"
Event # = 1 89/06/15,10 Star	= 11526 5,10:06 DOY= Start Peak	DOY=166	Fnd +imes	SMM Pointing:	N22W08		Pitch=-277", Yaw	, Yaw=-232", Roll	, Roll=-20deg	H.Ang=22deg
Optical GOES 09:5	):01 6		3	HaClass=SF Importance=M4	\$17W81 Oual=01	AR5521	Mac.=EA0	Carr.Lon.=166deg	166deg	H.Ang*82deg
3S 10:0	10:00:58 10:03	45	10:22:10	Peakc/s=2522	Qual=01	Tot Cts=2.91E+5	MaxkeV=368	Flags=I		01000.00
10:0	10:09		2	CaPeak.c/s≖18	Qual= 4	FePeak=10:09	FePeak.c/s=6		dt= 7.7s	XEN=916606
P 09:4	09:43	.41/94		Wayelength=2788A	Code=01	Exp #=90613	Rast=0.x0 Rast=180"x1"	Step=0" Step=0"	Lad=1.02s 1 Pitch=-140",	1.024s/plxel ,Yaw=-304"
io sweep	ouency (M)	ype/ 10 42		330 410/350	1415/42 26	2695/190 4995/320 8800/300 15400/310	8800/300 15400/	,310		

Event # 89/06/1 60ES BCS FCS UVSP	ent # = 22947 /06/15,10:45 Start ES 10:23 S 11:17 SP 11:17	DOY=166 Peak 10:45	End times 10:47	CaPeak.c/s=165 Wavelength=2788A	Qual=00 Qual= 2	FePeak=10:44 Exp #=90615	FePeak.c/s=36 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-135",	XEN=916607 1.024s/pixel ', Yaw=-316"
Event # 89/06/1 Optical GOES HXRBS BCS FCS UVSP  HXRBS HXRBS	Event # = 12558 89/06/15,11:39 D Start P Optical GOES 11:28 1 HXRBS 11:26:07 1 BCS 11:25 1 FCS 11:25 1 HXRBS 11:37:32 1 HXRBS 11:37:32 1 HXRBS 12:04:55 1 UVSP 12:14	D0Y=166 Peak 11:39 11:27:34 11:31 11:37:57		SMM Pointing: HaClass=2N Importance=M2 PeakC/s=94 CaPeak.C/s=396 Wavelength=2786 —	N22W09 N23E02 Qual=02 Qual=01 Qual= 1 Code=01 Sociated Qual=01 Sociated Qual=01	AR5536 Tot Cts=4568 FePeak=11:30 Exp #=90615 Event # = 12559 Tot Cts=2020 Event # = 12560 Tot Cts=1580 Tot Cts=1580	Pitch=-270" Mac.=DA0 MaxkeV=102 Rast=240"x2 Rast=180"x1 MaxkeV=102 ————————————————————————————————————	, Yaw=-247", Roll=-20d Carr.Lon.=82deg Flags=I 67 #Peaks=I dt= 3 40" Step=15" Cad= Step=0" Pitch 	eg .8\$ .262\$ .= .135' .	H. Ang=23deg H. Ang=22deg XEN=916608 1.024s/pixel ", Yaw=-316"
Event # 89/06/11 Optical GOES BCS FCS UVSP	= 22948 5,13:03 Start 12:59	DOY=166 Peak 13:03	End times 13:25	HaClass=SF CaPeak.c/s=27 Wavelength=2788A	N20W00 Qual=00 Qual= 4	AR5536 FePeak=13:06 Exp #=90617	Mac.=DAO FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	Carr.Lon.=84deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=0" Pitch	=84deg dt= 7.7s cad=1.02s Pitch=-131	H.Ang=19deg XEN=916609 1.024s/pixel '', Yaw=-328"
Event # = 89/06/15, St. Optical GOES HXRBS 13 FCS 13 FCS 13 FCS 14XRBS 13 FCS 1	# = 12562 15,13:45 Start 1 13:41:52 13:37 12:49 12:49	DOY=166 Peak Enc 13:42:47 13 13:45 13	End times 13:44:28 13:51 	SMM Pointing: HaClass=SF PeakC/s=53 CaPeak.c/s=26 Wavelength=2788AA	N22W10 S17W57 Qual=03 Qual=11 Qual= 1 SA Associated Qual=01	AR5524 Tot Cts=717 FePeak=13:47 Exp #=90617 Event # = 12561 Tot Cts=594	Pitch=-265", Yaw Mac.=DAO MaxkeV=102 FePeak.c/s=9 Rast=0"x0" Rast=180"x1" MaxkeV=102	,Yaw=-258",Roll=-20de Carr.Lon.=140deg Flags=I Plags=I dt= 7. Step=0" Cad=1. Step=0" Pitch= Flags=I	,Roll=-20deg H Lon.=140deg H = I s=1 dt= 7.7s X 0." Cad=1.02s 1 0." Pitch=-131",	H.Ang=23deg H.Ang=59deg XEN=916610 1.024s/pixel ", Yaw=-328"
Event # = 89/06/15, 0ptical 60ES 14 HXRBS 14 UVSP 15	# = 12563 15,14:23 Start 14:18 14:36:36	DOY=166 Peak 14:23 14:36:52	End times 14:46 14:37:22	SMM Pointing: HaClass=2N Importance=M1 Peakc/s=73 Wavelength=1375A	N01W00 N15W22 Qual=05 Qual=01	AR5528 Tot Cts=669 Exp #=90618	Pitch=-1", Yaw=+ Mac.=FKC MaxkeV=102 Rast=250"x250"	,Yaw=+2",Roll=-19deg Carr.Lon.=105deg 2 x250" Flags=I x250" Step=10" Pitch=	9deg H.Ang=0 =105deg H.Ang=2 Pitch=+7",Yaw=+13"	H.Ang=Odeg H.Ang=26deg Yaw=+13"

### 89/006/15,14:38 00/=166	Event	# = 12564		The state of the s	77.						
14:58:07 14:58:51 PeakC/s=71	89/06/	15,14:58 Start	DOY=166 Peak		SMM Pointing s	NOIMOO		Pitch=-1",Yaw≡	+2", Roll=-	19deg	H.Ang=Odeg
17.45:06   17.48:40   PeckC/ss-SF   S22E06   Pitch=+6", Yaw=-1", Roll=-19deg   H.Ang-Odeg   Pitch=10   Pitch=10   Pitch=10   Pitch=-10	HXRBS HXRBS UVSP	14:57:45 15:04		14:58:5	kc/s=71 elength=137		Tot Exp	MaxkeV=102 Rast=250"x250"			Yaw≃+13"
17:45:06   17:48:04   PeakC  285=5F   R2041   R85528   Mac.=FKI   Carr.Lon92deg   H.Ang=29deg   H.Ang=29deg   Mac.	Event 89/06/	# = 11527 15,17:45 Start	1	End time	SAR	NOIWOO		Pitch=+6", Yaw=-	-1", Roll=-1	19deg	H.Ang=Odeg
17:45:06 17:48:40 Peak¢s-48 Wall-100 Exp #=90643 Rast=10"x100 Step=0" Pitch=-13",Yaw=-12"  D0Y=166 End times   Haclass=SF S27E06	Optica Optica GOES	•		) 	E E	S27E06 N20W11	AR5533 AR5528	Mac.=FKI	Carr.Lon. Carr.Lon.	.=75deg ,=92deg	H.Ang=29deg H.Ang=22deg
DOV=166         End times         SMM Pointing:         NOIMOO         Pitch=+6",Yaw=-1",Roll=-19deg         H.Ang=Odeg           17:56:33 17:56:52         PeakClass=SF ROUNI         S2DEG         ARB5528 ARS533 ARC.=FKI Carr.Lon.=92deg         H.Ang=C3deg           1007=166         PeakClass=SF ROUNI         ROUNI         ARB5528 ARS533 ARSC=FKI Carr.Lon.=92deg         H.Ang=C3deg           1007=166         PeakClass=38 Pain         S21E08 ARB533 ARSS=FKI Carr.Lon.=72deg         H.Ang=C3deg           19:16 20:31 Importance=AV Qual=02         PeakClass=3B S21E08 ARB533 ARSC=FKI Carr.Lon.=72deg         H.Ang=C3deg           19:16 170 Importance=AV Qual=02         PeakClass=3Deg         H.Ang=C3deg           19:16 19:36:10 CaPeak.class Qual=1 Tot Cts=C.00E+6 MaxkeV=858 Flags=HS.1.DG         Peaksex=B.1.DG           19:16 19:35 Importance=AV Qual=02         Peaksex=B.1.DG           19:16 CaPeak.class=1 Tot Cts=C.00E+6 MaxkeV=858 Flags=HS.1.DG         Cad=1.02s           19:16 CaPeak.class=1 Tot Cts=C.00E+6 MaxkeV=858 Flags=HS.1.DG         Cad=1.02s           19:35 Importance         CaPeak.class=1 Tot Cts=C.00E+6 MaxkeV=858 Flags=HS.1.DG           19:36 CaPeak.class=1 Tot Cts=C.00E+6 MaxkeV=858 Flags=HS.1.DG         Cad=1.02s           19:36 CaPeak.class=1 Arss=1 Qual=01 Tot Cts=C.00E+6 MaxkeV=858 Flags=HS.1.DG         HaxkeV=10GG           19:35 Gapeak.class=1 Qual=01 Tot Cts=C.00E+6 MaxeV=10C MaxeV=10C Ma	HXRBS UVSP	17:44:23 16:51	17	17:48	Pea ¥av		Tot Cts=974 Exp #=90643	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-13"	
HaClass=SF   K20M1   AR558   Mac.=FK1   Carr.Lon.=92deg   H.Ang=22deg   H.Ang=22d	Event 89/06/	# = 11534 15,17:56 Start		End	SMM Pointing	NOIWOO		Pitch=+6", Yaw=-	-1", Roll=-1	9deg	H.Ang=Odeg
17:56:33 17:56:52 Peakc/s=41 Qual=01 Tot Cts=194 MaxkeV=102  DOY=166  Peak  BOY=166  Find times  HaClass=38 S21E08  HaClass=38 Flags=1 dt=7.75 KN=916611  Febeak.Class=38 Flags=1 dt=7.75 KN=916612  HaClass=38 S21E08  HaClass=38 S21E08  HaClass=38 Flags=1 dt=7.75 KN=916612  HaClass=38 S21E08  HaClass=38 S21E08  HaClass=38 Flags=1 dt=7.75 KN=916612  HaClass=38 Flags=1 dt=7.75 KN=916612  HaClass=38 S21E08  HaClass=38 Flags=1 dt=7.75 KN=916613  HaClass=38 S21E08  HaClass=38 S21E08  HaClass=38 S21E08  HaClass=38 Flags=1 dt=7.75 KN=916613  HaClass=38 S21E08  HaCl	Optica Optica GOES				На На	S27E06 N20W11	AR5533 AR5528	Mac.=FKI	Carr.Lon. Carr.Lon.	=75deg =92deg	H. Ang=29deg H. Ang=22deg
DOY=166  End times  SMM Pointing: NO1WOO  Pitch=-1", Yaw=+2", Roll=-19deg  H.Ang=0deg  Peak  Bar.=Class=38	HXRBS	17:56:07	17:56:3	17:56:5	ند	Qual=01		MaxkeV=102		,	
19:16   20:13   Peak	Event   89/06/	# = 11535 15,19:16 Start	DOY=166 Peak	- +	SMM Pointing	NOIWOO		Pitch=-1", Yaw=+	.2", Roll=-1	9deg	H.Ang=Odeg
19:14:17 19:30:18	Optica GOES	19:12		20.31	HaClass=38	\$21E08	AR5533	Mac.=FKI	Carr.Lon.	=72deg	H.Ang=23deg
19:16 19:35 CaPeak.c/s=5975 Qual= 1 FePeak=19:15 FePeak.c/s=3840 #Peaks=1 dt= 7.75 XEN=916611  Type/Intensity: 11/3 1V/3  Type/Intensity: 11/3 Intensity: 10/2 Type/Intensity:	HXRBS	19:10 19:12	151	19:30:18	99	Qual=11	Tot Cts=6.00E+6		Flags=M5,		•
Type/Intensity: II/3 IV/3  Type/Intensity: II/3 IV/3  Type/Intensity: II/3 IV/3  Type/Intensity: II/3 IV/3  Type/Intensity: II/3 IV/3  Type/Intensity: II/3 IV/3  Associated Event # = 22949  Ightary Flux(sfu): 245/720 410/970 606/350 1415/1100 2695/1100 4995/1500 8800/1800 15400/1600  Ightary Flux(sfu): 245/720 410/970 606/350 1415/1100 2695/1100 4995/1500 8800/1800 15400/1600  Ightary Flux(sfu): 245/720 410/970 606/350 1415/1100 2695/1100 2695/1100 2695/1100  Ightary Flux(sfu): 245/720 410/970 606/350 1415/1100 2695/1100  Ightary Flux(sfu): 245/720 410/970 606/350 1415/1100 2695/1100  Ightary Flux(sfu): 245/720 410/970 606/350 1415/1100  Ightary Flux(sfu): 245/720 410/970 1415/1100  Ightary Flux(sfu): 245/720 1415/1100  Ightary Flux(sfu): 245/720 1415/1100  Ightary Flux(sfu): 245/720 1415/1100  Ightary Flux(sfu): 245/720 1415/1100  Ightary Flux(sfu): 246/720 1415/1100  Ightary Flux(sfu): 246/720 1416/1100  Ightary Flux(sfu): 246/81 1416/1100  Ightary Flux(sfu): 246/81 1416/1100  Ightary Flux(sfu): 246/81 1416/1100  Ightary Flux(sfu): 246/81 1416/1100  Ightary Flux(sfu): 246/81 1416/1100  Ightary Flux(sfu): 246/81 141	స్ట్ర	19:09	19:16	19:35	CaPeak.c/s=5975	Qual= 1	FePeak=19:15	FePeak.c/s=3840	#Peaks=1		Dur=120sec XEN=916611
19:35 19:46	Sadio Sadio	sweeps Frequent	Type/I cy(MHz)/F		11/	306/350 14	115/1100 2695/11	.00 4995/1500 880	Step=0" 0/1800 1540	)2s	1.024s/pixel
DOY=166  Peak End times  Qual=00  20:54:28 20:54:42  Wavelength=2788A  Qual=00  Qual=01  Qual=01  Qual=02  Qual=03  Qual=04  Rast=243"x243" Step=3" Pitch=-203"  Pitch=-210", Yaw=-315", Roll=-20deg  Rast=243"x243" Step=3" Pitch=-203"  Qual=00  Qual=00  Qual=00  Qual=00  Qual=00  Qual=00  Exp #=90644  Rast=243"x243" Step=5" Cad=1083s  Rast=243"x243" Step=5" Cad=1083s  Pitch=-203"  Pitch=-204eg	ı	19:35	19:35		CaP	Ssociated Qual= 5	Event # = 22949 FePeak=19:35	FePeak.c/s=29 Rast=0"x0"	#Peaks=1 Step=0"		XEN=916612 0.256s/pixel
20:54:28 20:54:42 Peakc/s=51 Qual=01 Tot Cts=212 MaxkeV=102 Flags=I Pitch=-203  D0Y=166 End times  Qual=0 Qual=0 Tot Cts=212 Rast=243"x243" Step=3" Pitch=-203  Qual=0 Qual=0 Qual=0 Qual=0 Exp #=90644 Rast=243"x243" Step=3" Pitch=-203  Qual=0 Qual=0 Qual=0 Qual=4 FePeak=20:59 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=115"x115" Step=5" Cad=1083s Cad=1083s Pitch=-203	event #	= 12565 5,20:54 Start	D0Y=166 Peak	End times	1	N20W15		Pitch=-210", Yaw:	=-315", Rol		H. Ang=24deg
DOY=166 Peak End times  Qual=00 20:59 21:01 CaPeak.c/s=18 Qual= 4 FePeak=20:59 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=115"x115" Step=5" Cad=1083s Wavelength=2788A Exp #=90644 Rast=243"x243" Step=3" Pitch=-203	SOES IXRBS JVSP	20:54:18 20:45					Tot Cts=212 Exp #=90644	MaxkeV=102 Rast=243"x243"	Flags=I Step=3"	Pitch=-203"	, Yaw=-303"
20:59 21:01 CaPeak.c/s=18 Qual= 4 FePeak=20:59 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=115"x115" Step=5" Cad=1083s Wavelength=2788A Exp #=90644 Rast=243"x243" Step=3" Pitch=-203	vent # 19/06/1	= 22950 5,20:59 Start	DOY=166 Peak	End times							
Rast=115"x115" Step=5" Cad=1083s Wavelength=2788A Exp #=90644 Rast=243"x243" Step=3" Pitch=-203	<i>ر</i> م	20:59	20:59	• •	ak.c/s=18	Qual=00 Qual= 4	FePeak=20:59			dt= 7.7s	XEN=916613
	•	20:45			Wavelength=2788A		Exp #=90644			Cad=1083s Pitch=-203"	2.048s/pixel, Yaw=-303"

Peak End times  22:22	N16W17 AR5528 Qual=01 Tot Cts=8530 Qual= 1 FePeak=22:19 Code=00 Exp #=90647				
22:22	•	Mac.=FKC	Carr.Lon.=95deg	-95deg	H.Ang≈22deg
Mave DOY=167 End times O1:38:10 O1:38:29 Peak Wave DOY=167 End times O2:04 O2:08 CaPe Wave O2:53 O3:23 CaPe Wave DOY=167 End times Wave C2:53 O3:23 CaPe Wave O4:54 O5:15 Impo O4:54 O4:54:33 Peak Wave		MaxkeV=102 FePeak.c/s=201 Dast=240">240"		dt= 3.8s XI	XEN=916614 1.024s/nixel
DOY=167 Peak 01:38:10 01:38:29 DOY=167 Peak 02:04 02:08 DOY=167 Peak End times 02:53 03:23 DOY=167 Peak Fox End times 04:54 05:15 04:54 05:15		Rast=13"x13"	Step=1"	Pitch=-141	, Yaw=-337"
DOY=167 End times 01:38:10 01:38:29 DOY=167 End times 02:04 02:08 DOY=167 End times 02:53 03:23 DOY=167 End times 04:54 05:15 04:54 05:15 04:54 04:54:33	89/06/16 D0Y=167				
01:38:10 01:38:29  D0Y=167 Peak C2:04 C2:08  D0Y=167 Peak End times C2:53 C3:23  D0Y=167 Peak End times O4:54 O4:54 O4:54 O4:54 O4:54:33	N20W17	Pitch≖-197",Yaw≖-350",Roll=-20deg	=-350", Rol	]=-20deg	H.Ang≈25deg
DOY=167 Peak 02:04 02:08  DOY=167 Peak 02:53 03:23  DOY=167 Peak Find times 04:54 04:49:42 04:54:33	Qual=00 Qual=01 Tot Cts=137 Exp #=90657	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-148"	', Yaw=-395"
02:04 02:08  D0Y=167 Peak End times  02:53 03:23  D0Y=167 Peak End times  04:54 05:15 04:49:42 04:54:33					
DOY=167 Peak 02:53 03:23 DOY=167 Peak End times 04:54 04:49:42 04:54:33	Qual=00 Qual= 4 FePeak=02:03	FePeak.c/s=6	#Peaks=2	dt= 7.7s	dt= 7.7s XEN=916700 Cad=1 O2s 1 O24s/bivel
DOY=167 End times 02:53 03:23 DOY=167 End times 04:54 05:15 04:49:42 04:54:33	Exp #=90661	Rast=30"x30"	Step=5"	pitch=-146	', Yaw=-400"
02:53 03:23 D0Y=167 Peak End times 04:54 05:15 04:49:42 04:54:33					
DOY=167 Peak End times 04:54 05:15 04:49:42 04:54:33	Qual=00 Qual= 5 FePeak=02:53	FePeak.c/s=7	#Peaks=1	dt= 7.7s XI	XEN=916701
DOY=167 Peak End times 04:54 05:15 04:49:42 04:54:33	Exp #=90662	Rast=265"x265"	Step=5"	Pitch=-185	', Yaw=-350"
Peak End Cimes 04:54 05:15 04:49:42 04:54:33	N20W19	Pitch=-189",Yaw	, Yaw=-374", Roll=-20deg	]=-20deg	H.Ang=26deg
04:54 05:15 :38 04:49:42 04:54:33	\$16E04 AR5533	Mac.=FKO	Carr.Lon.=71deg	=71deg	H.Ang≖18deg
	Qual=03 Qual=01 Tot Cts=27279 Exp #=90672	MaxkeV=187 Rast=180"x1"	Flags=M5 Step=0"	Pitch=-52",	, Yaw=-195"
245/	3 250 410/150 606/30 2695/78 8800/42 15400/42	5400/42	1	; ; ;	1 1 1 1 1
Peakc/s=225 Wavelength=278	Associated Event # = 11353 Qual=01 Tot Cts=2941 SA	MaxkeV=231 Rast=180"x1"	ep=0"	Pitch=-55"	, Yaw=-188"
04:34:10 04:34:58 04:35:03 Peakc/s=47 04:16	Qual=01	MaxkeV=102 Rast=180"x1"	ep=	r Pitch≕-55	ам=-188

05:25 07:3 05:18:07 05:1 05:18:07 05:1 07:42 09:3 07:40:39 07:4 07:40:39 07:4 07:40:39 07:4 09:15:08 09:1 09:15:08 09:1 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3 10:34:01 10:3	Event # = 11531 89/06/16,05:25	DOY=167	+ 1,400	SMM Pointing:	N20W19		Pitch=-189", Ya	, Yaw=-374", Roll=-20deg	0deg	H.Ang=26deg
05:18:07 05:18:32 page: CVF-2155 Qual-03 Tot Cts-12952 MaxkeV-102 F1895ENTIL Step=0***  05:18:07 05:18:32 page: CVF-2155 Qual-03 Tot Cts-12952 MaxkeV-102 F1895ENTIL Step=0***  000v-167 MaxeV-103 SMM Pointing: M20W20 AR5533 MacFKO Carr.Lon70deg O7:40:30 07:40:40 07:40:30 07:40:40 07:40 07:40:40 07:40:40 07:40:40 07:4	optical	75ah 05.25		HaClass=2N	\$16E04	AR5533	Mac.=FK0	Carr.Lon.=71d€	6d	H.Ang=18deg
DOY-167   First times	XRBS 05:12:36   WSP 05:13   Addio Frequency	05:18:07 y(MHz)/F		Importance=n/ Peakc/s=135 Wavelength=2788A 15400/140	Qual=03 Qual=03 Code=00	Tot Cts=12952 Exp #=90672	MaxkeV=102 Rast=180"x1"	_	ch≈-52"	, Yaw=-19
07:40:3 07:41:41   PaClass=1N   S17E03   AR5533   Mac.=FKO   Carr.Lon.=70deg   O7:40:30 07:40:30 07:40:40:40:40:40:40:40:40:40:40:40:40:40:	vent # = 11533 9/06/16,07:42 (	DOY=167		Pointing	N20W20		Pitch=-183", Ya	IW=-391", Roll=-2C	0deg	H.Ang=27deg
07:47:0 07:44.41 https://doi.org/10.00/1-03.00/1-04.00 07:47.00 07:44.41 https://doi.org/10.00/1-04.00 07:44.41 https://doi.org/10.00/1-04.00 07:44.41 https://doi.org/10.00/1-04.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 07:44.00 007-167 07:44.00 007-167 07:44.00 007-167 07:44.00 007-167 07:44.00 007-167 07:44.00 007-167 07:44.00 007-167 07:44.00 07:44.00 007-167 07:44.00 007-167 07:44.00 07	37.30	7 C d A 2	בוות רווונים	.Class=1N	\$17E03	AR5533	Mac.=FK0	Carr.Lon.=70d€	<b>e</b> d	H.Ang≖18deg
Type//Intensity: 11/3 245/200 410/330 606/4400 1415/120 2695/240 4995/300 8800/570 15400/1100  DDV=167  Peak  End times  Wavelength=2788A  ODV=167  End times  DOV=167  End times  DOV=167  End times  DOV=167  End times  DOV=167  DOV=167  End times  DOV=167  DOV=167  End times  End times  DOV=167  End times	7:37:43	07:40:39	07:44:41	rtance=43 c/s=18920	0ua i =03 0ua i =04			Flags=M5, SN, E6		
DOY=167  End times  Outside  O	~~~	Type/II		Wavelength=2788A 11/3 245/200 410/330 6	ode=01 06/4400	Exp #=90675 1415/120 2695/24		Step=0" Pitc /570 15400/1100	ch=-47	Uur=180sec ,Yaw≃-211"
Qual=00   Out	က္	DOY=167	+	Pointing	N20W21		Pitch=-179", Ya	w=-401", Roll=-20	Odeg	H.Ang=28deg
DOY=167  End times  Qual=00  Qual=00  Qual=01  Qual=02  Qual=03  Qual=06  Qual=06  Qual=06  Qual=07  Rast=240"x240" Step=15" Cad= 262s  Rast=240"x240" Step=15" Pad=15" Cad= 262s  Rast=240"x240" Step=15" Pad=15" Pad=15" Cad= 262s  Rast=240"x240" Step=15" Pad=15" Cad= 262s  Rast=240"x240" Step=15" Pad=15" Pad=15" Cad= 262s  Rast=240"x240" Step=15" Pad=15" Pad=15" Cad= 262s  Rast=240"x240" Step=15" Pad=15" P	09:14:15 08:55	09:15:08	09:1		Qua]=00 Qua]=03	Tot Cts=3327 Exp #=90677	MaxkeV=102 Rast=180"x1"		ch=-42",	, Yaw=-223
09:38         09:57         CaPeak.c/s=108         Qual= 100         FePeak=09:38         FePeaks=240"x240" Step=15" Cad= 266s           DOY=167         SMM velength=2788A         Exp #=90677         Rast=240"x240" Step=15" Cad= 266s           Peak         Find times         N14W23         AR5528         Mac.=FKC         Carr.Lon.=95deg           10:34:01         10:34:36         Peakc/s=54         Qual=01         Tot Cts=237         Maxkev=102         Arc.=Lon.=141deg           12:06         12:22         Importance=MI         Qual=05         FePeak=12:15         FePeakc/s=14         #Peaks=1         dd= 7.7s           12:08         13:02         CaPeakc/s=82         Qual=05         FePeak=12:15         FePeak:240"x240" Step=15" Cad= 26cs           12:08         13:02         CaPeakc/s=82         Qual=05         FePeak=12:15         FePeak:240"x240" Step=15" Cad= 26cs           12:08         13:02         CaPeakc/s=82         Qual=05         FePeak=12:15         FePeak:240"x240" Step=16" Pitch=-32"           Peak         End times         Ray Pointing:         N20W24         Pitch=-164", Yaw=-443", Roll=-20deg           Peak         End times         Qual=00         Tot Cts=137         Maxkev=102		DOY=167 Peak	End times							
Mayelength=2788A   Exp #=90677   Rast=180"x1"   Step=0" Pitch=-42"   Post	09:37	÷.	09:57		Qual=00 Qual≈ 1	FePeak=09:38	FePeak.c/s=22	#Peaks=1		XEN=916702
DOY=167         SMM Pointing:         N20W21         Pitch=-175", Yaw=-411", Roll=-20deg           Peak         HaClass=SF         N14W23         AR5528         Mac.=FKC         Carr.Lon.=95deg           10:34:01         10:34:36         PeakC/s=54         Qual=00         Tot Cts=237         Maxkev=102         Carr.Lon.=141deg           10:34:06         End times         HaClass=SF         S19W70         AR5524         Mac.=CA0         Carr.Lon.=141deg           12:06         12:22         Importance=M1         Qual=05         FePeak=12:15         FePeak.c/s=14         #Peaks=1         dt= 7.7s           12:08         13:02         CaPeak.c/s=82         Qual=5         FePeak=12:15         Rast=240'x240"         Step=15"         Cad= 262s           Mavelength=2788A         Exp #=90678         Rast=180"x1"         Step=0"         Pitch=-164", Yaw=-443", Roll=-20deg           14:08:24         14:08:35         Peakc/s=61         Qual=01         Tot Cts=137         MaxkeV=102				æ		Exp #=90677	Kast=240"x240" Rast=180"x1"	Step=15" Step=0"		1.024s/p1xel ,Yaw=-223"
10:34:01 10:34:36 Peakc/s=54 Qual=00 Tot Cts=237 Maxkev=102  10:34:01 10:34:36 Peakc/s=54 Qual=01 Tot Cts=237 Maxkev=102  10:34:01 10:34:36 Peakc/s=54 Qual=00 Tot Cts=237 Maxkev=102  10:34:01 10:34:36 Peakc/s=54 Qual=00 Tot Cts=237 Maxkev=102  10:34:01 10:34:36 Peakc/s=54 Qual=00 Tot Cts=137 Paxkev=102  10:34:01 10:34:36 Peakc/s=54 Qual=00 Tot Cts=137 Paxkev=102  10:34:01 10:34:36 Peakc/s=61 Qual=01 Tot Cts=137 Paxkev=102  10:34:08:24 14:08:35 Peakc/s=61 Qual=01 Tot Cts=137 Paxkev=102	1	)0Y=167	+	Pointing	N20W21		Pitch=-175", Ya	w=-411",Roll=-20	)deg	H.Ang=28deg
10:34:01 10:34:36 Peakc/s=54 Qual=01 Tot Cts=237 MaxkeV=102  D0Y=167 Peak		<u> </u>	) 	Class=S	N14W23	AR5528	Mac.=FKC	Carr.Lon.=95de	Ď <sub>e</sub>	H.Ang=26deg
DOY=167 Peak End times HaClass=SF S19W70 AR5524 Mac.=CAO Carr.Lon.=141deg 12:06 12:22 Importance=M1 Qual=05 12:08 13:02 CaPeak.c/s=82 Qual= 5 FePeak=12:15 FePeak.c/s=14 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 262s Wavelength=2788A Exp #=90678 Rast=180"x1" Step=0" Pitch=-32"  DOY=167 Peak End times Qual=00 Tot Cts=137 MaxkeV=102	10:33:46	10:34:01	10:34:36	eak.	Qual=01		MaxkeV=102			
12:07 12:08 13:02 CaPeak.c/s=82 Qual= 5 FePeak=12:15 FePeak.c/s=14 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=180"x1" Step=10" Pitch=-32" Rast=180"x1" Step=10" Pitch=-32"	ent # = 22954 //06/16,12:06 [ Start F rtical	00Y=167 Seak	1 times	.Class=SF	02N61S	AR5524	Mac.=CAO	Carr.Lon.=141d	ieg	H.Ang=72deg
= 11538 1,14:08 DOY=167 SMM Pointing: N20W24 Pitch=-164",Yaw=-443",Roll=-20deg itart Peak End times Qual=00 Qual=00 Tot Cts=137 MaxkeV=102	2:54 2:54	15:08 15:08	22	rance=mi ak.c/s=82 length=2788A	Qual=05 Qual= 5	ak=12:1#=	FePeak.c/s=14 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Sten=0"	_	XEN=916703 1.024s/pixel Yaw=_252"
.0,14:U8	= 11538								<b>,</b>	
Qual=00 14:08:15 14:08:24 14:08:35 Peakc/s=61 Qual=01 Tot Cts=137	.6,14:08 Start	)0Y=16/ 'eak	End times	Pointing:	N20W24		Pitch=-164", Ya	w=-443",Roll=-20	)deg	H.Ang≃30deg
	14:08:15	4:08:24	14:08:35	c/s=61	Qual=00 Qual=01		MaxkeV=102			

Start			SMM POINTING:	COMODE				,	
prical	Peak	≡es		NIZWII	AR5536	Mac.*EA0	Carr.Lon.=80deg	=80deg	H.Ang=19deg
GOES 15:02 HXRBS 15:16:17 BCS 15:11 FCS	15:27 15:22:18 15:27	15:52 15:27:29 15:43	Importance=C8 Peakc/s=51 CaPeak.c/s=115	Qual=04 Qual=01 Qual= 2	Tot Cts=2441 FePeak=15:26	MaxkeV=102 FePeak.c/s=18 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=916709 1.024s/pixel
Event # = 11541 89/06/16,16:46	D0Y=167		SMM Pointing:	N20W25		Pitch=-156", Yaw=-457", Roll=-20deg	=-457", Rol	1=-20deg	H.Ang≖31deg
Start Optical Optical	Реак К	End times	HaClass=SF HaClass=SF	N13W05 N20E58	AR5534 AR5545		Carr.Lon.=73deg Carr.Lon.=10deg	=73deg =10deg	H.Ang=13deg H.Ang=60deg
GOES HXRBS 16:43:52 BCS 16:45 FCS 16:48 UVSP 16:48	16:44:54 16:46	16:45:21 17:09	Peakc/s=55 CaPeak.c/s=28 Wavelength=1375A	Qual=02 Qual=02 Qual= 5	Tot Cts=528 FePeak=16:45 Exp #=90679	MaxkeV=102 FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	Flags=SN #Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=-149",	XEN=916705 1.024s/pixel ",Yaw=-452"
Event # = 11542 89/06/16,17:00	D0Y=167		SMM Pointing:	N20W25		Pitch=-156", Yaw	, Yaw=-457", Rol	, Roll=-20deg	H.Ang=31deg
Start Optical Optical		End times	HaClass=18 HaClass=1N	S23E67 S18W08	AR5542 AR5533	Mac.=CA0	Carr.Lon.=1deg Carr.Lon.=76deg	=1deg =76deg	H.Ang≖69deg H.Ang=21deg
GOES 16:55 HXRBS 16:55:48 UVSP 16:52	17:00 16:57:15	17:30 5 17:05:20	rtance=M2 c/s=724 length=1375A	Qual=01 Qual=11 Code=00	Tot Cts=45070 Exp #=90681	MaxkeV=275 Rast=30"x30"	Flags=M5, Step=5"	Flags=M5,DG Step=5" Pitch=-232",	", Yaw=-464"
Event # = 22955 89/06/16,18:34 Start Ontical	DOY=167 Peak	End times	HaClass=SF	N17W28	AR5528	Mac.=FKC	Carr.Lon.=95deg	=95deg	H.Ang=32deg
.: c	18:34	18:37	<b>a</b> ) (	Qua]=00 Qua]= 4	FePeak=18:34	FePeak.c/s=9 Rast=0"x0" Dast=30"×30"	#Peaks=1 Step=0" C+en=5"	dt= 7.7s X Cad=1.02s 1 pitch=-108"	XEN=916706 1.024s/pixel "Yaw=-515"
JVSF 16:24			#ave ielig til-13/3A		מסססס " אלטן	200	2		
Event # = 22956 89/06/16 <sub>1</sub> 18:42 Start GOES BCS 18:42 FCS UVSP 18:41	00Y=167 Peak 18:42	End times 18:44	CaPeak.c/s=21 Wavelength=1375A	Qual=00 Qual= 4	FePeak=18:42 Exp #=90690	FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=-102",	XEN=916707 1.024s/pixe1 ",Yaw=-517"
	) DOY=167 Peak	End times	4 Pointing	N20W27		4 <sub>1</sub>	, Yaw=-487", Rol	, Roll=-20deg	H.Ang=33deg
Optical GOES HXRBS 20:16:04	~	9 20:17:02	HaClass=1B Peakc/s=59	\$21₩02 Qual=00 Qual=01	AR5533 Tot Cts=266	Mac.=FKU MaxkeV=144	Carr. Lon. = b8deg	=68aeg	bsaeg n.Ang=22aeg

/06/16,21:4 Start	:48 DOY=167 t Peak	, End times	SMM Pointing:	N20W28		Pitch=-145",Ya	, Yaw=-497", Roll:	]=-20deg	H.Ang=33deg
RBS 21:47 SP 21:47	:55 21:	6 21:4	Peakc/s=57 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=290 Exp #=90704	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-89"	, Yaw=-549"
ent # = 11 /06/16,21:	1544 :54 DOY=167	Fnd times	SMM Pointing:	N20W28		Pitch=-145", Ya	, Yaw=-497", Roll=	]=-20deg	H.Ang=33deg
(a)	7 2 . 1 . 5	2.08		S21W07	AR5533	Mac.=FKO	Carr.Lon.∍	.=72deg	H.Ang≈23deg
HXRBS 21:49 BCS 21:41 FCS 21:41 UVSP 21:47	9:48 21:50:1 1 21:49 21:59	0 21:55:24 22:07	Peakc/s=154 CaPeakc/s=33 Peak3c/s=515 Wavelength=1375A	Qual=01 Qual= 1 Code=00	Tot Cts=11346 FePeak=21:50 Exp #=90704	MaxkeV=187 FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	Flags=ND #Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-89"	XEN=916708 1.024s/pixel ,Yaw=-549"
ent # = 11 /06/16,22:	545 59		SMM Pointing:	N20W29		Pitch=-141", Ya	, Yaw=-508", Roll=-20deg	20deg	H.Ang=34deg
GOES 22:55 HXRBS 22:54: UVSP 22:59	5 22:59 4:13 22:55:5	23:04 52:58:07	Importance=C8 Peakc/s=61 Wavelength=1375A	Qual=04 Qual=02 Code=02	Tot Cts=1435 Exp #=90707	MaxkeV=102 Rast=265"x265"	Flags=SN Step=5"	Pitch=-133"	-
23:	546 21	+	SMM Pointing:	N20W29	THE PARTY OF THE P	Pitch=-141", Yaw	, Yaw=-508", Roll	, Roll=-20deg	H.Ang=34deg
GOES 23:17 HXRBS 23:18 UVSP 23:19	23:21 23:21 :27 23:18:4	23:32 5 23:19:17	Importance=C7 Peakc/s=53 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=415 Exp #=90711	MaxkeV=144 Rast=30"x30"	Step=5"	Pitch=-250"	, Yaw≖-435"
			The second secon	89/06/1	7 nnv=168				
vent # = 11547 9/06/17,00:35 Start	1547 35 DOY=168	Fnd +impo	SMM Pointing:	N20W30		Pitch=-137", Yaw	, Yaw=-519", Roll	, Roll=-20deg	H.Ang≈35deg
, [6]	00:3	38.	Class=SF	S17W08	AR5533	Mac.=FHI	Carr.Lon.≖	=72deg	H.Ang=20deg
HXRBS 00:34 UVSP 00:33	1:01 00:34:08	8 00:34:24	Peakc/s=101 Wavelength=1375A	Qual=01 Code=00	Tot Cts=360 Exp #=90714	MaxkeV=187 Rast=265"x265"	Step=5"	Pitch=-130"	, Yaw=-506"
Event # = 11548 89/06/17,01:02 Start	.548 02 D0Y=168 Peak	End times	SMM Pointing:	N20W30		Pitch=-137", Yaw	, Yaw=-519", Roll	, Roll=-20deg	H.Ang=35deg
cal 00:57	-		HaClass=SF	\$18W08	AR5533	Mac.=FHI	Carr.Lon.≖	=72deg	H.Ang=21deg
HXRBS 00:59 UVSP 00:48	:34 00:59:5	6 01:01:01	Peakc/s=68 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=615 Exp #=90718	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=-92",	, Yaw=-560"
t # = 2 6/17,03 Star	2957 :37 DOY=168 t Peak	End times					THE REAL PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPE		
03:33	03:37	03:59	CaPeak.c/s≖23	Qual=00 Qual= 5	FePeak=03:33	FePeak.c/s=6		dt= 7.7s	XEN=916800
P 03:24			Wavelength=2788A		Exp #=90732	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+5".Y	1.024s/pixel

Event 89/06/ Optica	Event # = 22958 89/06/17,04:30 Start Optical	D0Y=168 Peak	mes		\$20W11	AR5533	Mac.=FHI	Carr.Lon.=73deg	=73deg	H.Ang=24deg
GOES BCS FCS UVSP	04:13 04:24 04:21	04:30 04:28	05:05 04:29	Importance=C9 CaPeak.c/s=21 Wavelength=2788A	Qual=03 Qual= 2 Code=00	FePeak=04:25 Exp #=90733	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+7",	XEN=916801 1.024s/pixel ,Yaw=-361
Event 89/06/	Event # = 11549 89/06/17,05:13 Start	D0Y=168 Peak	End times	SMM Pointing:	N20W32		Pitch=-125", Yaw	, Yaw=-551", Roll=-20deg	}=-20deg	H.Ang=37deg
GOES HXRBS UVSP Radio	00	5:13:23 05:13:38 05:13:50 4:58 Frequency(MHz)/Flux(sfu)	0	Peakc/s=47 Wavelength=2788A 15400/61	Qual=00 Qual=01	Tot Cts=170 Exp #=90734	MaxkeV=102 Rast=180"x1"	Flags=ND Step=0"	Pitch=+9",Yaw=-365	Yaw=-365"
Event 89/06,	Event # = 22959 89/06/17,05:37 Start	D0Y=168 Peak	End times		00-				2	
GOES BCS FCS UVSP	05:37 05:55	05:37	05:39	CaPeak.c/s=18 Wavelength=2788A	Qual=00 Qual= 4	FePeak=05:37 Exp #=90735	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+11"	XEN=916802 1.024s/pixel ,Yaw=-371"
Event 89/06, Optica	Event # = 22960 89/06/17,08:18 Start Optical	D0Y=168 Peak	End times	HaClass=SF	N17W37	AR5528	Mac.=FKC	Carr.Lon.=97deg	=97deg	H.Ang*40deg
BCS BCS WSP	08:11 08:03	08:18	08:32	CaPeak.c/s=73 Wavelength=2788A	Qua]=00 Qua]= 1	FePeak=08:17 Exp #=90738	FePeak.c/s=19 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 262s Pitch=+16'	XEN=916803 1.024s/pixel ',Yaw=-385"
Event 89/06,	Event # = 11550 89/06/17,09:04 Start	D0Y=168 Peak	End times	4 Pointing:	N20W34		Pitch=-118", Yaw=-572", Roll=-20deg	/=-572", Rol	1=-20deg	H. Ang=38deg
Optical GOES HXRBS BCS FCS UVSP	al 09:03:41 09:03 09:00		09:04:09 09:04:16 09:04 09:06	HaClass=5F Peakc/s=54 CaPeak.c/s=43 Wavelength=2788A	NIUW/U Qual=03 Qual=01 Qual= 1	AK5545 Tot Cts=191 FePeak=09:04 Exp #=90739	MaxkeV=102 MaxkeV=102 FePeak.c/s=18 Rast=240"x240" Rast=180"x1"	<pre>carr.Lon.=129ueg #Peaks=1 dt= 7. Step=15" Cad= 2 Step=0" Pitch=</pre>	=129ueg dt= 7.7s Cad= 262s Pitch=+18",	n.King=/oueg XEN=916804 1.024s/pixel ,Yaw=-391"
Event 89/06/ Optica	<pre>vent # = 11551 9/06/17,09:44     Start ptical</pre>	DOY=168 Peak	End times	SMM Pointing: HaClass=SN	N20W35 S19W17	AR5533	Pitch=-115", Yaw=-582", Roll=-20deg Mac.=FHI Carr.Lon.=76deg	v=-582", Roll=-20d Carr.Lon.=76deg	1 = - 20deg = 76deg	H.Ang=39deg H.Ang=26deg
GOES HXRBS ( UVSP (	09:39 09:42:41 09:35	09:44 09:43:09	09:48 09:45:19	Importance=M1 Peakc/s=93 Wavelength=2788A	Qual=04 Qual=02 Code=00	Tot Cts=2528 Exp #=90740	MaxkeV=231 Rast=180"x1"	Flags=SN Step=0"		Pitch=+19",Yaw≈-395"

Tot Cts=36723
Pitch=-111", Yaw=-592", Rol Mac.=FKC Carr.Lon.: MaxkeV=102 FPeak.c/s=12 #Peaks=2 Rast=240"x240" Step=15" Rast=243"x243" Step=3" Pitch=-111", Yaw=-592", Rol Mac.=FKI Carr.Lon.: MaxkeV=102 Rast=243"x243" Step=3" Pitch=-115", Yaw=-619", Rol Mac.=FKC Carr.Lon.: FPeak.c/s=1819 #Peaks=1 Rast=180"x180" Step=10" Rast=180"x180" Step=10" FePeak.c/s=1819 #Peaks=1 Rast=240"x240" Step=15" Rast=240"x240" Step=15" Rast=265"x265" Step=5" Rast=265"x265" Step=5"
Pitch=-111", Yaw=-592", Rol Mac.=FKC Carr.Lon. MaxkeV=102 FePeak.c/s=12 #Peaks=2 Rast=243"x243" Step=15" Rast=243"x243" Step=3" Pitch=-111", Yaw=-592", Rol Mac.=FKI Carr.Lon. MaxkeV=102 Rast=243"x243" Step=3" FePeak.c/s=1819 #Peaks=1 Rast=13"x13" Step=10" Rast=240"x240" Step=15" Rast=240"x240" Step=15" Rast=265"x265" Step=5" Rast=0"x0" Step=15" Rast=265"x265" Step=5" Rast=265"x265" Step=5"
Mac.=FKC Carr.Lon.  MaxkeV=102  Rast=240"x240" Step=15"  Rast=243"x243" Step=3"  Pitch=-111", Yaw=-592", Rol  Mac.=FHI Carr.Lon.  MaxkeV=102  Rast=243"x243" Step=3"  Pitch=-115", Yaw=-619", Rol  MaxkeV=275  FePeak.C/S=1819 #Peaks=1  Rast=180"x180" Step=10"  Rast=180"x180" Step=10"  Rast=240"x240" Step=15"  Rast=240"x240" Step=15"  Rast=240"x240" Step=15"  Rast=240"x240" Step=15"  Rast=265"x265" Step=5"  Rast=265"x265" Step=5"
MaxkeV=102 Rast=240"x240" Step=15" Rast=243"x243" Step=3" Pitch=-111", Yaw=-592", Rol Mac.=FHI Carr.Lon.* MaxkeV=102 Rast=243"x243" Step=3" Pitch=-115", Yaw=-619", Rol Mac.=FKC Carr.Lon.* MaxkeV=275 FePeak.c/s=1819 #Peaks=1 Rast=13"x13" Step=10" Rast=240"x240" Step=15" Rast=240"x240" Step=15" Rast=265"x265" Step=5" Rast=0"x0" Step=15" Rast=265"x265" Step=5"
Rast=240"x240" Step=15" Rast=243"x243" Step=3"  Mac.=FHI Carr.Lon.  MaxkeV=102 Rast=243"x243" Step=3"  Pitch=-115", Yaw=-619", Rol  MaxeV=275 FePeak.c/s=1819 #Peaks=1 Rast=180"x180" Step=10" Rast=180"x180" Step=10" Rast=240"x240" Step=15" Rast=240"x240" Step=15" Rast=265"x265" Step=5" Rast=265"x265" Step=5" Rast=265"x265" Step=5"
Pitch=-111", Yaw=-592", Roll Mac.=FHI Carr.Lon.= MaxkeV=102 Rast=243"x243" Step=3" Pitch=-115", Yaw=-619", Roll Mac.=FKC Carr.Lon.== MaxkeV=275 FPeak.c/s=1819 #Peaks=1 Rast=180"x180" Step=10" Rast=180"x240" Step=10" Rast=265"x265" Step=5" Rast=265"x265" #Peaks=1 Rast=265"x265" \$fep=6" Rast=265"x265" \$fep=6" Rast=265"x265" \$fep=6" Rast=265"x265" \$fep=6"
Mac.=FHI Carr.Lon.=  MaxkeV=102  Rast=243"x243" Step=3"  Pitch=-115", Yaw=-619", Roll  Mac.=FKC Carr.Lon.='  MaxkeV=275 Flags=M5, E  FePeak.c/s=1819 #Peaks=1  Rast=240"x240" Step=10"  Rast=240"x240" Step=15"  Rast=265"x265" \$fep=s=1  Rast=265"x265" \$fep=s=1  Rast=0"x0" Step=0"  Rast=265"x265" \$fep=s=1  Rast=0"x0" Step=5"
MaxkeV=102 Rast=243"x243" Step=3" Pitch=-115", Yaw=-619", Roll Max.=FKC Carr.Lon.= MaxkeV=275 Flags=M5, E FePeak.c/s=1819 #Peaks=1 Rast=180"x180" Step=10" Rast=13"x13" Step=10" Rast=265"x265" Step=5" Rast=265"x265" \$fep=6" Rast=0"x0" Step=6" Rast=265"x265" \$fep=6" Rast=265"x265" \$fep=6"
Pitch=-115", Yaw=-619", Roll Mac.=FKC Carr.Lon.= MaxkeV=275 Flags=M5, E FePeak.c/s=1819 #Peaks=1 Rast=180"x180" Step=10" Rast=1813"x13" Step=1"
MaxkeV=275 Flags=M5,E FePeak.c/s=1819 #Peaks=1 Rast=180"x180" Step=10" Rast=13"x13" Step=1" FePeak.c/s=26 #Peaks=1 Fast=240"x240" Step=5" Rast=265"x265" Step=5" FePeak.c/s=7 #Peaks=1 Rast=0"x0" Step=5"
MaxkeV=275 Flags=M5,E FePeak.c/s=1819 #Peaks=1 Rast=180"x180" Step=10" Rast=13"x13" Step=1" FePeak.c/s=26 #Peaks=1 Rast=240"x240" Step=15" Rast=265"x265" \$fep=6" Rast=265"x265" \$fep=0" Rast=265"x265" Step=0"
Rast=180'x180' Step=10' Rast=13'x13" Step=1" FePeak.c/s=26 #Peaks=1 Rast=240'x240" Step=15" Rast=265'x265" Step=5" FePeak.c/s=7 #Peaks=1 Rast=0'x0" Step=0" Rast=265'x265" Step=5"
FePeak.c/s=26 #Peaks=1 Rast=240"x240" Step=15" Rast=265"x265" Step=5" FePeak.c/s=7 #Peaks=1 Rast=0"x0" Step=0" Rast=265"x265" Step=5"
Rast=265"x265" Step=13 Rast=265"x265" Step=5" Rast=0"x0" Step=0" Rast=265"x265" Step=0"
4 FePeak.c/s=7 #Peaks=1 Rast=0"x0" Step=0" Rast=265"x265" Step=5"
4 FePeak.c/s=7 #Peaks=1 Rast=0"x0" Step=0" Rast=265"x265" Step=5"
Rast=265"x265" Step=5"

Event 89/06/	ent # = 11556 /06/17,20:58	D0Y=168		SMM Pointing:	N21W40		Pitch=-105", Yaw≇	, Yaw=-649", Roll	, Roll=-20deg	H.Ang=44deg
Optica	start 1	Реак	End times	HaClass=SN	N15W49	AR5528	Mac.=FKC	Carr.Lon.=102deg	=102deg	H.Ang=50deg
HXRBS UVSP	20:58:34 20:56	20:58:53	20:59:24	Peakc/s=110 Wavelength=1375A	Qual=01	Tot Cts=919 Exp #=90779	MaxkeV=144 Rast=30"x30"	Step=5"	Pitch=-30",	', Yaw=-704"
					89/06/18	3 D0Y=169				
Event 89/06/	Event # = 11557 89/06/18,00:17	DOY=169		SMM Pointing:	N21W42		Pitch=-98", Yaw=-670", Roll=-20deg	-670", Roll:	20deg	H.Ang=46deg
GOES HXRBS UVSP	00:17:20 00:02	00:17:20 00:17:35 00:02		Peakc/s=154 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1221 Exp #=90793	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-29",	, Yaw=-722"
Event 89/06/	Event # = 22963 89/06/18,00:19 Start	D0Y=169 Peak	End times		00 [2:0					
BCS BCS	00:19	00:19	00:23	CaPeak.c/s=40	Qual=00 Qual= 5	FePeak=00:19	FePeak.c/s=12 Rast#O"xO"	#Peaks=1	dt= 7.7s Cad=1.02s	
UVSP	00:18			Wavelength=1375A		Exp #=90795	Rast=30"x30"	Step=5"	Pitch=-28",	Yaw=-724"
Event # 89/06/J Optica	vent # = 22964 9/06/18,03:08 Start ptical	D0Y=169 Peak	End times	HaClass=SF	N24W35			Carr.Lon.=84deg	=84deg	H.Ang=41deg
BCS FCS	05:50	03:08	03:38	CaPeak.c/s=66	Qual= 1	FePeak=03:05	FePeak.c/s=7 Rast=240"x240"	#Peaks=2 Step=15"	dt= 3.8s Cad= 262s	XEN=916901 1.024s/pixel
UVSP	03:30			Wavelength=2788A		Exp #=90804	Rast=180"x1"	Step=0"	Pitch=+43",	,Yaw=-503"
Event 89/06, Optica	Event # = 22965 89/06/18,04:15 Start Optical	D0Y=169 Peak	End times	HaClass=SF	N18W40	AR5536	Mac. =ESI	Carr. Lon.=89deg	=89deg	H.Ang≈43deg
60ES BCS FCS	04:15	04:15	05:10	CaPeak.c/s=109	Qual=00 Qual= 5	FePeak=04:15	FePeak.c/s=9 Rast=240"x240"	#Peaks=1 Sten=15"	dt= 3.8s Cad= 262s	XEN=916902 1.024s/pixel
UVSP	04:07			Wavelength=2788A		Exp #=90805	Rast=180"x1"		_	, Yaw=-507"
Event 89/06, Optica	Event # = 22966 89/06/18,05:51 Start Optical	D0Y=169 Peak	End times	HaClass=SF	N17W56	AR5528	Mac.=FKC	Carr.Lon.∗104deg	*104deg	H.Ang=57deg
SCS SCS SCS SCS SCS SCS SCS SCS SCS SCS	05:48	05:51	06:43	CaPeak.c/s=278	Qual = 1	FePeak=05:50	FePeak.c/s=52 Rast=240"x240" Dast=180"v1"	#Peaks=1 Step=15" Step=15"	dt= 3.8s Cad= 262s Pitch=+48"	XEN=916903 1.024s/pixel 'Yaw=-516"
OVSP	95:50			Mayereligui-2700A		Cobo = 20000	Na31-100 A1	- 1	2	

Event 89/06/	Event # = 22967 89/06/18,08:02	D0Y=169		The control of the co						
Optica Cores	Start	Реак	end times	HaClass=SF	\$17W30	AR5533	Mac.=FHI	Carr.Lon.=77deg	=77deg	H.Ang=35deg
805 200 200 200 200 200 200 200 200 200 2	07:22	08:02	08:16	CaPeak.c/s=43	(ual=00 (ual= 1	FePeak=08:01	FePeak.c/s=11	#Peaks=2	dt= 7.7s	XEN=916904
UVSP	60:80			Wavelength≈2788A		Exp #=90810	Rast=U.xU. Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+52"	1.024s/pixel ,Yaw=-529"
Event 89/06/	Event # = 22968 89/06/18,09:06 Start	DOY=169 Peak	End times							
Uptical GOES BCS	08:53	90:60	09:14	Code=BSL CaPeak.c/s=44	NO3W90 Qual=00 Qual= 1	AR5547 FePeak=08:56	FePeak.c/s=11	_	7s	H.Ang=90deg XEN=916905
UVSP	08:44			∦avelength=2788	1	Exp #=90811	Rast=0"x0" Rast=180"x1	Step=0" Step=0"	=1.02s ch=+53	1.024s/pixel ",Yaw=-533"
SSS SSS	:37	92:38	09:41	CaPeak.c/s=20	Qual= 4	Event # = 22309 FePeak=09:38	FePeak.c/s=11 Ract=0"x0"	#Peaks=1	dt= 7.7s	XEN=916906
UVSP	09:41			Wavelength=2788A		Exp #=90812	Rast=180"x1"		Pitch=+55"	, Yaw=-538"
Event 89/06/	Event # = 22970 89/06/18,10:32 Start	DOY=169 Peak	End times							
60ES BCS	10:31	10:32	10:35	CaPeak.c/s=19	Qual=00 Qual= 4	FePeak=10:31	FePeak.c/s=12		dt= 7.7s	XEN=916907
UVSP	10:18			Wavelength=2788A		Exp #=90813	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+56"	1.024s/pixel ,Yaw=-541"
Event 89/06/	vent # = 11558 9/06/18,12:24	DOY=169	+ + + + + + + + + + + + + + + + + + + +	SMM Pointing:	N21W48		Pitch=-76", Yaw=	, Yaw=-731", Roll=-20deg	=-20deg	H.Ang=51deg
Optica GOFS	3	8	ני וועס	HaClass=SF	N16W34	AR5536	Mac.=ESI	Carr.Lon.=78deg	=78deg	H.Ang=37deg
HXRBS BCS FCS	12:17:56 11:59	12:20:29 12:24	12:20:41 12:54	Peakc/s=55 CaPeak.c/s=45	Qual=01 Qual=1	Tot Cts=1389 FePeak=12:24	MaxkeV=102 FePeak.c/s=7 Rast=240"x240"	#Peaks=2 Step=15"	dt= 7.7s Cad= 262s	XEN=916908 1.024s/pixe]
UVSP	12:18			Wavelength=2788A		Exp #=90816	Rast=243"x243"	Step=3"		Yaw=-723"
Event 89/06/	Event # = 22971 89/06/18,13:36 Start	DOY=169 Peak	End times							
GOES BCS FCS	13:34	13:36	13:46	CaPeak.c/s=26	Qual=00 Qual= 1	FePeak=13:36	FePeak.c/s=10			XEN=916909
UVSP	13:35			Wavelength=1375A		Exp #=90817	Kast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=-64",	1.024s/pixel Yaw=-729"
Event 89/06/	Event # = 22972 89/06/18,13:53 Start	D0Y=169 Peak	End times							
GOES BCS	13:51	13:53	13:58	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=13:51	FePeak.c/s=8		dt= 7.7s	XEN=916910
UVSP	13:39			Wavelength=1375A		Exp #=90819	Rast=0.x0" Rast=30"x30"	Step=0 Step=5"	.dd=1.02S Pitch=-7",Y	s 1.024s/plxel ",Yaw=-792"

Event 89/06/	Event # = 11559 89/06/18,18:10	DOY=169	9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SMM Pointing:	N21W51		Pitch=-66", Yaw=-758"	-758", Roll=	, Roll=-20deg	H.Ang=54deg
GOES HXRBS UVSP	start 18:09:50	reak 18:10:09	18:10:28	Peakc/s=46 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=123 Exp #=90838	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-56",	, Үам=-753"
Event 89/06/ GOES	Event # = 11560 89/06/18,18:17 Start GOES	D0Y=169 Peak	End times	ointing:	N21W51 Qua]=00		Pitch=-66", Yaw=-758"	-758", Roll=	, Roll=-20deg	H.Ang≈54deg
HXRBS UVSP	18:17:36 18:16	18:17:51	18:18:12	Peakc/s=52 Wavelength=1375A	Qual=01	lot Cts=110 Exp #=90840	maxkev=102 Rast=30"x30"	Step=5"	Pitch=+16",	, Yаw=-825"
Event 89/06/	Event # = 22973 89/06/18,21:15 Start	D0Y=169 Peak	End times		00-[6:00					
BCS BCS	21:15	21:15	21:17	CaPeak.c/s=25	Qual= 5	FePeak=21:15	FePeak.c/s=8 Rast=0"x0"		dt= 7.7s Cad=1.02s	XEN=916911 1.024s/pixel
WSP	21:18			Wavelength=1375A		Exp #=90852	Rast=265"x265"	Step=5"	Pitch=-52",	
					89/06/15	9 DOY=170				
Event 89/06,	Event # = 11561 89/06/19,00:34 Start	DOY=170 Peak	End times	SMM Pointing:	N21W55		Pitch=-56",Yaw≖.	,Yaw=-790",Roll=-20deg	=-20deg	H.Ang≕57deg
GOES HXRBS BCS 100	00:33:06 00:34	00:33:16 00:34	5 00:33:40 00:36	Peakc/s=81 CaPeak.c/s=38	Qual=01 Qual=01 Qual= 1	Tot Cts=733 FePeak=00:34	MaxkeV=102 FePeak.c/s=14 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=917000 1.024s/pixel
UVSP	00:28			Wavelength=1375A		Exp #=90868	Rast=30"x30"	Step=5"	Pitch=+10"	, Yaw=-834"
Event 89/06, 0ptica	Event # = 22974 89/06/19,00:50 Start Optical	DOY=170 Peak	End times	HaClass=SF	N19W43	AR5536	Mac.=ESI	Carr.Lon.	=80deg	H.Ang=46deg
GOES FCS FCS	00:42	00:50	01:00	CaPeak.c/s=117	Qual=01 Qual= 1	FePeak=00:50 Exp #=90870	FePeak.c/s=17 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=5"	dt= 3.8s Cad= 262s Pitch=+11"	XEN=917001 1.024s/pixel ,Yaw=-840"
Event	# = 11562	7		Saite Solution	NOTER	-	Pitch=-52" Yaw=	-801"	.Roll=-20dea	H.Ang=58deg
00/69	69/00/19,05:55 Start		End times		0-1-00			•	<b>.</b>	1
GOES HXRBS UVSP Radio	03:32:48 03:16 Sweeps	03	03:33:45 itensity:	Peakc/s=68 Wavelength=2788A III/2	Qual=01	Tot Cts=647 Exp #=90875	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+85"	, Yам=-622"
Event 89/06	Event # = 22975 89/06/19,04:12 Start	5 D0Y=170 Peak	End times							·
GOES BCS	04:10	04:12		CaPeak.c/s=24	Qual=00 Qual= 1	FePeak=04:11	FePeak.c/s=11 Dast=0"x0"	#Peaks=1	dt= 7.7s Cad=1.02s	XEN=917002 1.024s/pixel
UVSP	04:13			Wavelength=2788A		Exp #=90876	Rast=180"x1"	Step=0"	Pitch=+86"	, Yaw=-626"

	*T.CO'6T	DOY=1/0		SMM Pointing:	N21W57		Pitch=-49".Yaw=	.Yaw=-811".Roll	Roll=-20den	H. Ann=59den
GOES HXRBS UVSP	Start GOES HXRBS 05:14:45 UVSP 04:50	Peak 05:14:55	End times 05:15:11	Peakc/s=62 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=179 Exp #=90877		Step=0"	+86	-
Event 89/06/	Event # = 11564 89/06/19,05:56	DOY=170	+ TC	SMM Pointing:	N21W57		Pitch=-49", Yaw=	, Yaw=-811", Roll	, Roll=-20deg	H.Ang*59deg
Optica GOES	ງ start ງ 05:32	reak 05:56	). (O	HaClass=SN	N15W59	AR5528	Mac.=FKC	Carr.Lon.=94d	≈94deg	H.Ang≖60deg
HXRBS OF COLUMN	5:30:12 5:20	05:42:17 05:38	05:52:53 05:38	Peakc/s=295 CaPeak.c/s=384	Qual=13 Qual= 2	Tot Cts=1.05E+5 FePeak=05:38	MaxkeV=231 FePeak.c/s=151	Flags=EN #Peaks=1	DG dt= 7.7s	XEN=917003
UVSP	05:45			Wavelength=2788A	Code=00	Exp #=90878	Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=+88"	1.024s/pixel ,Yaw=-633"
Event 89/06/	Event # = 11565 89/06/19,06:39 Start	DOY=170 Peak	Fnd times	SMM Pointing:	N21W57		Pitch=-49", Yaw=-811", Roll=-20deg	811", Roll	=-20deg	H.Ang=59deg
GOES HXRBS UVSP	06:38:33 06:22	06:39:57	_	Peakc/s=64 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=2347 Exp #=90879	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+88",	, Yaw=-635"
Event 89/06/	Event # = 11566 89/06/19,06:49	DOY=170	- +	SMM Pointing:	N21W57		Pitch=-49", Yaw=-811", Roll=-20deg	-811", Roll	=-20deg	H.Ang=59deg
GOES HXRBS UVSP	06:48:30 ( 06:22	06:49:05	06:4	Peakc/s=84 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=701 Exp #=90879	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+88",	, Yaw=-635"
Event 89/06/	Event # = 22976 89/06/19,07:10 Start	D0Y=170 Peak	End times							
GOES BCS		07:10	07:26	CaPeak.c/s=41	Qual=00 Qual= 5	FePeak=07:18	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=917004
UVSP	07:19			Wavelength=2788A		Exp #=90880	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+90",	1.024s/pixel ,Yaw=-639"
Event 89/06/	Event # = 22977 89/06/19,08:05 Start	D0Y=170 Peak	End times							
BCS BCS	08:04	98:05	08:11	CaPeak.c/s=19	Qua]=00 Qua]= 4	FePeak=08:04	FePeak, c/s=9	#Peaks=1		XEN=917005
UVSP	07:54			Wavelength=2788A		Exp #=90881	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+91",	1.024s/pixel ,Yaw=-642"
Event 89/06/	Event # = 22978 89/06/19,08:33 Start	D0Y=170 Peak	End times							
GOES FCS	08:33	08:33	08:36	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=08:33			dt= 7.7s	XEN=917006
UVSP Radio S	08:50 Sweeps	Type/In	Type/Intensity:	Wavelength=2788A V/3		Exp #=90882	kast=U"xU" Rast=180"x1"	Step=0" Step=0"	cad=1.02s Pitch=+92",	1.024s/plxel ",Yaw=-646"

Event # 89/06/1 Optical	= 22979 9,08:54 Start	D0Y=170 Peak	End times	HaClass=SF	N21W59	AR5528	Mac.=FKC	Carr.Lon.=92deg	=92deg	H.Ang≕61deg
GOES BCS	08:44	08:54	08:58	CaPeak.c/s=41	Qual=00 Qual= 1	FePeak=08:55	FePeak.c/s=16 Rast=0"x0"		dt= 3.8s Cad=1.02s	XEN=917007 1.024s/pixel
UVSP	08:50			Wavelength=2788A		Exp #=90882	Rast=180"x1"		Pitch=+92",	Yaw=-646"
Event # 89/06/1	Event # = 22980 89/06/19,11:34 Start	D0Y=170 Peak	End times							
GOES BCS	11:09	11:34	12:04	CaPeak.c/s=49	Qual=00 Qual= 1	FePeak=11:12	FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=917008
UVSP	11:24			₩avelength=2788A		Exp #=90886	Rast=243"x243"		Pitch=-32",	Yaw=-827"
Event # 89/06/1	Event # = 22981 89/06/19,12:25	DOY=170	Fnd times							
GOES	12:10 12:41	12:25 12:42	12:37 12:52	Importance=C7 CaPeak.c/s=19	Qual=05 Qual= 5	FePeak=12:49	FePeak.c/s=11		dt= 7.7s Cad=1.02s	
NSP UVSP	12:45			Wavelength=1375A		Exp #=90887	Rast=265"x265"	Step=5"	Pitch=-30",	, Yaw=-832"
Event # 89/06/1	Event # = 22982 89/06/19,14:31 Start	DOY=170 Peak	End times							
GOES BCS	14:29	14:31	14:33	CaPeak.c/s=22	Qual≈ 4	FePeak=14:30	Febeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=917010
UVSP	14:20			Wavelength=1375A		Exp #=90896	Rast=30"x30"	Step=5"	-	, Yaw=-890"
Event 4 89/06/1	Event # = 11567 89/06/19,14:35	D0Y=170		SMM Pointing:	N21W62		Pitch=-37", Yaw=-845", Roll=-20deg	*-845", Roll	=-20deg	H.Ang=63deg
Optica	Start 	Реак	End times	HaClass=SF	\$18E75	AR5552		Carr.Lon.=315deg	=315deg	H.Ang=76deg
HXRBS	14:35:34	14:35:51	14:36:15	Peakc/s=81 Wayelength=1375A	Qual=01	Tot Cts=655 Exp #=90896	MaxkeV=144 Rast=30"x30"	Step*5"	Pitch=+34", Yaw=-890"	, Yaw=-890"
Radio Si Radio	weeps Frequen	Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	ntensity: lux(sfu):	V/3 245/560				·		
Event 89/06/ Optica	Event # = 22983 89/06/19,16:04 Start Optical	D0Y=170 Peak	End times	HaClass=SF	N18W69	AR5528	Mac.=FKC	Carr.Lon.=98deg	=98deg	H.Ang=70deg
GOES BCS	16:03	16:04	16:08	CaPeak.c/s=34	Qual= 1	FePeak=16:04	FePeak.c/s=11	#Peaks=1 Sten=0"	dt= 7.7s	XEN=917011 1,024s/pixel
HCS UVSP	15:54			Wavelength=1375A		Exp #=90903	Rast=30"x30"	Step=5"	Pitch=+26"	, Yaw=-890"

1					1	1
XEN=917012 1.024s/pixel , Yaw=-859"	H.Ang=66deg , Yaw=-887"	H.Ang=66deg ,Yaw=-887"	H.Ang=66deg ,Yаw=-860"	XEN=917013 1.024s/pixel Yaw=-888"	H.Ang≈66deg ,Yaw≈-888"	H. Ang=68deg H. Ang=44deg Yaw=-864"
dt= 7.7s Cad= 332s Pitch=-22"	+31"	=-20deg H.Ang=66 Pitch=+31", Yaw=-887	,Roll=-20deg =5" Pitch=-21",	dt= 7.7s Cad= 332s Pitch=+31",	+31"	,Roll=-20deg H.Ang=68d .Lon.=66deg H.Ang=44d =5" Pitch=-24",Yaw=-864"
#Peaks=1 Step=10" Step=5"	=-867", Roll Step=5"	=-867", Roll	=-867" Step	#Peaks=1 Step=10" Step=5"	867", Roll Step=5"	,Yaw=-877",Roll=-20de Carr.Lon.=66deg 265" Step=5" Pitch
FePeak.c/s=7 Rast=180"x180" Rast=265"x265"	Pitch=-30", Yaw=-867", Roll=-20deg MaxkeV=102 Rast=110"x200" Step=5" Pitch=	Pitch=-30", Yaw=-867", Roll=-20deg MaxkeV=102 Rast=110"x200" Step=5" Pitch=	Pitch=-30", Yaw MaxkeV=102 Rast=265"x265"	FePeak.c/s=7 Rast=180"x180" Rast=110"x200"	Pitch=-30",Yaw=-867",Roll=-20deg MaxkeV=187 Rast=110"x200" Step=5" Pitch=	Pitch=-30", Yaw= Mac.=FKI MaxkeV=102 Rast=265"x265"
FePeak=20:26 Exp #=90923	Tot Cts=513 Exp #=90924	Tot Cts=195 Exp #=90924	Tot Cts=277 Exp #=90925	FePeak=20:50 Exp #=90926	Tot Cts=1853 Exp #=90926	AR5533 Tot Cts=158 Exp #=90931
Qual=00 Qual= 4	N21W65 Qual=00 Qual=01	N21W65 Qual=00 Qual=01	N21W65 Qual=00 Qual=01	Qual=00 Qual= 4	N21W65 Qual=00 Qual=01	N21W67 S17W40 Qual=05 Qual=01 Code=02
CaPeak.c/s=28 Wavelength=1375A	SMM Pointing: Peakc/s=65 Wavelength=1375A III/3 V/3	SMM Pointing: Peakc/s=51 Wavelength=1375A III/3 V/3	SMM Pointing: Peakc/s=59 Wavelength=1375A	CaPeak.c/s=20 Wavelength=1375A	SMM Pointing: Peakc/s=98 Wavelength=1375A V/3	SMM Pointing: HaClass=1N Importance=M1 Peakc/s=51 Wavelength=1375A
End times 20:39	End times 5 20:44:29 intensity:	End times 6 20:45:56 Intensity:	End times 8 20:49:12	End times 20:53	End times 1 20:58:54 ntensity:	End times 22:30 22:25:35
D0Y=170 Peak 20:26	20 Pe	)	DOY=170 Peak 20:48:48	DOY=170 Peak 20:51	20 Pe	00Y=170 Peak 21:55 22:25:17
# =   /19,2 Ste 20: 20:	Event # = 11568 89/06/19,20:44 Start GOES HXRBS 20:43:49 HVSP 20:31 Radio Sweeps	Event # = 11569 89/06/19,20:45 Start GOES HXRBS 20:44:58 UVSP 20:31 Radio Sweeps	Event # = 11570 89/06/19,20:48 Start GOES HXRBS 20:48:34 UVSP 20:45	Event # = 22985 89/06/19,20:51 Start GOES BCS 20:50 FCS 20:49	Event # = 11571 89/06/19,20:58 Start GOES HXBS 20:57:48 UVSP 20:49 Radio Sweeps	= 11572 3,21:55 5tart 21:51 22:25:08 22:01
Event 89/06 80ES BCS FCS UVSP	Event 89/06, GOES HXRBS UVSP Radio	Event 89/06/ 60ES HXRBS UVSP Radio	Event 89/06, GOES HXRBS UVSP	Event 89/06/ 60ES BCS FCS UVSP	Event 89/06/ 60ES HXRBS UVSP Radio	Event # 89/06/19 00tical 60ES HXRBS UVSP

Event # = 11573		DOV=170		SMM Pointing:	N21W67		Pitch=-30", Yaw=-877",	-877", Roll	, Roll=-20deg	H.Ang=68deg
09/00/13,2. Stal		Peak	End times	Class=SF	S23W37	AR5533	Mac.=FKI	Carr.Lon.=62deg	=62deg	H.Ang≈44deg
GOES HXRBS 23:3 UVSP 23:3 Radio Fre	39:04 37 equenc	23:39:18 :y(MHz)/F	23:39:04 23:39:18 23:39:28 23:37 Frequency(MHz)/Flux(sfu):	kc/s=51 elength=1375A /160	Qual=00 Qual=01	Tot Cts=151 Exp #=90940	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+45",	, Yaw≖-896"
Event # = 11574 89/06/19,23:40	11574 3:40	DOY=170	0 0 E : + 7 G L	SMM Pointing:	N21W67		Pitch=-30", Yaw=	, Yaw=-877", Roll	, Roll=-20deg	H.Ang=68deg
Optical	Ę	rea X	בנות רווובי	HaClass=SF	\$23W37	AR5533	Mac.=FKI	Carr.Lon.=62deg	=62deg	H.Ang=44deg
GOES HXRBS 23:4 UVSP 23:5	23:40:00 23:37	23:40:04	23:40:04 23:40:14	Peakc/s=46 Wavelength=1375A	Qual=01	Tot Cts=78 Exp #=90940	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+45",	, Үам≖-896"
					89/06/20	0 D0Y=171				
Event # = 2298 89/06/20,01:49 Start GOES BCS 01:47 FCS 01:53	22986 01:49 art :47	DOY=171 Peak 01:49	End times 01:55	CaPeak.c/s=46 Wavelength=2788A	Qual=00 Qual= 1	FePeak=01:48 Exp #=90953	FePeak.c/s=13 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s X Cad= 332s 1 Pitch=+107",	XEN=917100 1.024s/pixel ",Yaw=-703"
Event # =	11576			1	OSHITCH		-42+id	New   New	Doll=_20ded	H. Ann=70den
89/06/20,0	12:41	DOY=1/1	7	SMM Pointing:	NCIMOS		יוניוו–בא יומא	, , , , , , , , , , , , , , , , , , ,	San and a san a sa	San Similar
Start 60ES 02:36 HXRBS 02:36:12 UVSP 02:26	art 36 36:12 26	888	End times 02:48 02:39:29	Importance=C5 Peakc/s=63 Wayelength=2788A	Qual=04 Qual=01 Code=00	Tot Cts=1655 Exp #=90954	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+107"	", Yaw=-705"
Radio Sweep	Sweeps 	Type/1 02:35:27	lype/Intensity: 02:35:27 02:35:44	111/2 A: Peakc/s=50	Associated Qual=01	Event # = 11575 Tot Cts=180	MaxkeV=102	1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 22987 89/06/20,03:03 Start Optical	22987 33:03 art	DOY=171 Peak	End times	HaClass=SF	N19W64	AR5528	Mac.=FKC	Carr.Lon.	.=87deg	H.Ang=65deg
60ES BCS 03:	03:03	03:03	03:06	CaPeak.c/s=27	Ųual≖∪0 Qual≈ 4	FePeak=03:03	FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=917101 1.024s/pixel
FCS UVSP 03:	03:22			Wavelength=2788A	_	Exp #=90955	Rast=180"x1"			", Yaw=-707"
Event # = 11584 89/06/20,04:23	11584 04:23	D0Y=171		SMM Pointing:	N21W69		Pitch=-29",Yaw	, Yaw=-887", Roll=-20deg	20deg	H.Ang≖70deg
GOES HXRBS 04: BCS 04:	Start 04:22:19 04:23	Peak 04:22:34 04:23		Peakc/s=46 CaPeak.c/s=20	Qual=00 Qual=01 Qual= 4	Tot Cts=107 FePeak=04:23	MaxkeV=102 FePeak.c/s=8	#Peaks=1 C+en=15"	dt= 7.7s X Cad= 262c 1	XEN=917102 1.024s/pixel
	03:59			Wavelength=2788A		Exp #=90956	Rast=180"x1"		1	", Yaw=-709"

Event 89/06/	Event # = 11585 89/06/20,04:37	DOY=171		SMM Pointing:	N21W69		Pitch=-29", Yaw=-887", Roll=-20deg	887", Roll	=-20deg	H.Ang=70deg
GOES HXRBS UVSP	04:37:49 04:54	04:37:54	04:54 04:37:54 04:38:28	Peakc/s=47 Wavelength≈2788A	Qual=00 Qual=01	Tot Cts=190 Exp #=90957	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+109	Pitch=+109",Yaw=-711"
Event 89/06/	Event # = 11577 89/06/20,09:14 Start	DOY=171	Fnd times	SMM Pointing:	N21W73		Pitch=-23", Yaw=-907", Roll=-20deg	907", Roll	=-20deg	H.Ang=74deg
GOES HXRBS BCS BCS	09:09:26 09:10	7		Peakc/s=376 CaPeak.c/s=91	Qual=00 Qual=01 Qual= 1	Tot Cts=23887 FePeak=09:12	MaxkeV=187 FePeak.c/s=19	#Peaks=1	dt= 3.8s	XEN=917103
UVSP	09:33			Wavelength=2788A		Exp #=90963	Kast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=+112",	1.024s/pixel ",Yaw=-723"
Event 89/06/	Event # = 11578 89/06/20,09:25 Start	DOY=171 Peak	Fod +	SMM Pointing:	N21W73		Pitch=-23", Yaw=-907", Roll=-20deg	907", Roll	=-20deg	H.Ang=74deg
GOES HXRBS UVSP	09:25:07 09:33	09:25:14	09:25:07 09:25:14 09:25:22 09:33	Peakc/s=68 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=186 Exp #=90963	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+112	Pitch=+112", Yaw=-723"
Event 89/06/	Event # = 11579 89/06/20,09:36 Start	D0Y=171 Peak	End times	SMM Pointing:	N21W73		Pitch=-23", Yaw=-907", Roll=-20deg	907", Roll	=-20deg	H.Ang=74deg
GOES HXRBS UVSP	09:36:35 09:33	09:36:42		Peakc/s=54 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=120 Exp #=90963	MaxkeV=102 Rast=180"x1"	Step=0"	Pitc <b>h=</b> +112	Pitch=+112",Yaw=-723"
Event 89/06/	Event # = 11580 89/06/20,12:38 Start	D0Y=171 Peak	Fnd times	SMM Pointing:	N21W73		Pitch=-23", Yaw=-907", Roll=-20deg	907", Roll	=-20deg	H.Ang=74deg
GOES HXRBS BCS BCS	12:35:25 12:37	12:35:25 12:35:27 12:35:47 12:37 12:38 12:41	,	Peakc/s=47 CaPeak.c/s=28	Qual=00 Qual=01 Qual= 4	Tot Cts=150 FePeak=12:37	MaxkeV=102 FePeak.c/s=15			XEN=917104
UVSP	11:55			Wavelength=2788A		Exp #=90966	Rast=240"x240" Rast=243"x243"	Step=10" Step=3"	Cad= 590s Pitch=-14",	1.024s/pixel ,Yaw=-900"
Event 89/06/.	Event # = 22988 89/06/20,13:36 Start	D0Y=171 Peak	End times		60					
800 800 800 800 800 800 800 800 800 800	13:35	13:36	13:40	CaPeak.c/s=22	Qual=00 Qual= 4	FePeak=13:35	FePeak.c/s=11	#Peaks=1	dt= 7.7s	XEN=917105
UVSP	13:30			Wavelength=1375A		Exp #=90969	Rast=20"x240" Rast=30"x30"	Step=15 Step=5"	cad= 2628 Pitch=+44",	1.U24S/p1xel Yaw=-945"

Event 89/06/	Event # = 11581 89/06/20,15:08	DOY=171	4	SMM Pointing:	N21W75		Pitch=-20", Yaw=.	, Yaw=-917", Roll=-20deg	20deg	H.Ang=76deg
Optica	Start	_	בות רושבא	Class=SB	N24W68	AR5528	Mac.=FKC	Carr.Lon.=84deg	=84deg	H.Ang=69deg
GOES HXRBS	14:48	15:08 14:57:28	17:20	Importance=X2 Peakc/s=2383	Qual=03 Qual=04	Tot Cts=3.96E+5	MaxkeV=419	Flags=M5,	, SN, ES	Dur=120sec
\$85 \$85		15:06	15:21	CaPeak.c/s=6117	Qual= 1	FePeak=15:05	FePeak.c/s=2771	#Peaks=1	dt= 7.7s	XEN=917106
UVSP SP		1/ 1/1/1	4	Wavelength=1375A	Code=00	Exp #=90976	Rast=13"x13"	Step=1"		, Yaw=-903"
2.2	3	eeps   Iype/Intensity   Frequency(MHz)/Flux(sfu	intensity: :lux(sfu):	: 111/2 17/2 : 245/2900 410/48 606/95 1415/540 2695/560 880	506/95 141	5/540 2695/560	0/320	70	•	1 1 1
BCS -	16:28	16:29	16:57	CaPeak.c/s=303	Qual= 5	Event # = 22303 FePeak=16:35	FePeak.c/s=11	#Peaks=1	= 7.75 d= 332c	XEN=917107
UVSP UVSP	16:32			Wavelength=1375A		Exp #=90977	Rast=265"x265"		ന	', Yaw=+345"
14310	# = 22990 /20,18:02 Start	D0Y=171 Peak	End times			and the state of t				
GOES BCS	18:00	18:02	18:32	CaPeak.c/s=70	Qual=00 Qual= 5	FePeak=18:03	FePeak.c/s=8		dt= 3.8s	XEN=917108
UVSP	18:04			Wavelength=1375A		Exp #=90984	Rast=265"x265"	Step=5"	Pitch=-11",	, Yaw=-912"
1416	# = 22991 /20,21:17 Start	DOY=171 Peak	End times	The same of the sa	00=[6:10					
BCS.	21:14	21:17	21:25	CaPeak.c/s=43	Qual= 1	FePeak=21:17	FePeak.c/s=11	#Peaks=1 S+on=15"	dt= 7.7s	XEN=917109
UVSP	21:13			Wavelength=1375A		Exp #=90998	Rast=110"x200"		Pitch=+62"	, Yaw=-945"
Event 89/06,	Event # = 22992 89/06/20,21:50 Start	DOY=171 Peak	End times							
GOES	21:35	21:50		CaPeak.c/s=74	Qual=00 Qual= 2	FePeak=21:50	FePeak.c/s=16	#Peaks=1	dt= 7.7s	XEN=917110
UVSP	21:48			Wavelength=1375A		Exp #=91002	Rast=110"x200"		Pitch=+48"	, Yaw=-945"
Event 89/06, Optica	Event # = 22993 89/06/20,22:14 Start Optical	D0Y=171 Peak	End times	HaClass=1N	N18W81	AR5528	Mac.=FKC	Carr.Lon.=93deg	=93deg	H. Ang=81deg
GOES GOES	a    21:53   20:38	22:14	23:50	code≃LPS Importance=M9 Capeak c/s=1741	0ual=05	AK3320 FeDeak=22:39	FePeak.c/s=295		dt= 3.8s	XEN=917111
FCS	22:0	)		Wavelength=1375A	Code=01	Exp #=91004	Rast=180"x180" Rast=110"x200"		Cad= 332s Pitch=-88",	1.024s/pixel ,Yaw=-946"

Event	ent # = 22994	i I			89/06/21	1 00Y=172				
89/06/ GOFS	21,00:12 Start	D0Y=172 Peak	End times		0-1-0					
BCS FCS UVSP	00:11	00:12	01:06	CaPeak.c/s=127 Wavelength=1375A	Qual= 4	FePeak=00:13 Exp #=91013	FePeak.c/s=14 Rast=180"x180" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 3.8s Cad= 332s Pitch=-9",	XEN=917200 1.024s/pixel ,Yaw=-921"
Event 89/06/	Event # = 11590 89/06/21,00:49 Start	) DOY=172 Peak	Fnd times	SMM Pointing:	N21W79		Pitch=-17",Yaw=	, Yaw=-929", Roll=	, Roll=-20deg	H.Ang=79deg
Optica GOES				HaClass≖SF	\$16E61			Carr.Lon.=310deg	=310deg	H.Ang≖63deg
HXRBS	00:48:45 00:35	00:49:06	00:49:15	Peakc/s=104 Wavelength=1375A		Tot Cts=802 Exp #=91016	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+68"	, Yaw=-949"
Event 89/06/	Event # = 22995 89/06/21,01:43 Start	D0Y=172 Peak	End times							
Optica GOES BCS	01:39 01:43	01:43 01:48	01:54 02:40	HaClass=SF Importance=M2 CaPeak.c/s=65	\$18E56 Qual=05 Qual= 4	AR5552 Febeak=01.44	Mac.=EKI Febash c/e=9	".	=314deg	H.Ang=59deg
FCS UVSP Radio Sv	01:35 Sweeps	01:35 Sweeps Type/Intensity		8A	Code=00	Exp #=91020	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	ur- 3.65	., Yaw=-759"
Nad 10	נו בלחבוו	ry (mn2)/ r	: (n: <) xn:	742/100 410/41						
Event 89/06/;	Event # = 11582 89/06/21,03:18 Start	D0Y=172 Peak	End times	SMM Pointing:	N21W87		Pitch=-17", Yaw=	, Yaw=-944", Roll=-20deg	20deg	H.Ang=87deg
HXRBS BCS BCS	03:32:23 03:16	03:32:36 03:18	03:32:46 04:13	Peakc/s=65 CaPeak.c/s=33	Qual=00 Qual=01 Qual= 4	Tot Cts=170 FePeak=04:04	MaxkeV=102 FePeak.c/s=9			XEN=917202
UVSP	03:09			₩avelength=2788A		Exp #=91022	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+118"	1.024s/pixel ", Yaw=-759"
Event 1 89/06/2	Event # = 11583 89/06/21,04:51 Start	D0Y=172 Peak	End times	SMM Pointing:	N21W87		Pitch=-17", Yaw=-944", Roll=-20deg	-944", Roll=	:-20deg	H.Ang=87deg
Optica GOES	04:39	04:51	05:28		S19E61 Qua]=04	AR5552			=308deg	H.Ang=63deg
BCS FCS	04:4/:29 04:48	04:49:09 04:53	05:44	Peakc/s=105 CaPeak.c/s=23	Qual≖02 Qual= 4	Tot Cts=5754 FePeak=04:49		Flags=SN #Peaks=1	dt= 7.7s	XEN=917203
UVSP Radio Sv Radio	04:41 Sweeps Frequency(	Type/Intensity cy(MHz)/Flux(sfu)		Wavelength=2788A III/3 V/2 410/21 2695/23 49	Code=( 95/50	00 Exp #=91024 8800/48	Rast=180"x24U" Rast=180"x1"		cad= 262s	1.024s/pixel ",Yaw=-759"
Event #89/06/2	Event # = 11586 89/06/21,08:07 Start	D0Y=172 Peak	Fnd times	SMM Pointing:	N21W87		Pitch=-17", Yaw=-944"	-944", Roll=	, Roll=-20deg	H.Ang=87deg
Optical GOES				HaClass=SN	N28E67	AR5555	Mac.=CS0	Carr.Lon.=300deg	300deg	H.Ang=69deg
HXRBS UVSP	08:06:51 07:46	08:07:02	08:07:07	Peakc/s=46 Wavelength=2788A	Qual=01	Tot Cts=79 Exp #=91028	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+118"	', Yaw=-759"

XEN=917204 1.024s/pixel ", Yaw=-759"	305deg H.Ang=63deg 278deg H.Ang=88deg Pitch=-10", Yaw=-931" dt= 3.8s XEN=917205 Cad= 262s 1.024s/pixel Pitch=-10", Yaw=-931"	, Yaw=-948"	-20deg Pitch=-10",Yaw=-961"	", Yaw=-989"	-20deg Pitch=-43",Yaw=-989"
dt= 7.7s Cad= 262s Pitch=+118	H H	Pitch=-53"	]=-20deg Pitch=-10	]=-20deg   Pitch=-58"	20deg 
#Peaks=1 Step=15" Step=0"	Carr.Lon.=305deg Carr.Lon.=278deg Flags=I Step=3" Pitch= 	Step=5"	974",Rol Step=5"	=-974",Rol Step=5"	=-974", Ro
FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	AR5555 Mac.=CS0 AR5556 Mac.=CS0 Tot Cts=16500 MaxkeV=144 Exp #=91032 Rast=243"x243" 8800/130 15400/100 Event # = 22997	MaxkeV=102 Rast=30"x30"	Pitch=-17", Yaw=-974", Roll=-20deg MaxkeV=144 Rast=265"x265" Step=5" Pitch=	Pitch=-17", Yaw=-974", Roll=-20deg MaxkeV=102 Rast=110"x200" Step=5" Pitch=	Pitch=-17", Yaw=-974", Roll=-20deg MaxkeV=102 Rast=110"x200" Step=5" Pitch=
FePeak=09:59 Exp #=91031	AR5555 AR5556 Tot Cts=16500 Exp #=91032 B800/130 15400/ Event # = 22997 FePeak=12:33	Tot Cts=147 Exp #=91039	Tot Cts=2613 Exp #=91040	Tot Cts=212 Exp #=91041	Tot Cts=186 Exp #=91050
Qua]=00 Qua]= 4	N27E60 S16E87 Qual=03 Qual=01 SA Code=00 10 4995/110 Associated Qual= 5	Qual=00 Qual=01	Qual=00 Qual=01	Qual=00 Qual=01	Qual=00 Qual=01
CaPeak.c/s=20 Wavelength=2788A	HaClass=SN NV HaClass=SF S Importance=M2 Q Peakc/s=215 Q Wavelength=2788A C 1415/79 2695/240 4 		SMM Pointing: Peakc/s=131 Wavelength=1375A	SMM Pointing: Peakc/s=41 Wavelength=1375A	SMM Pointing: Peakc/s=46 Wavelength=1375/
End times 10:02	i 40	DOY=172 Peak End times 13:24:29 13:24:45	End times 14:11:13	= 11591 1,14:23 DOY=172 Start Peak End times 14:23:23 14:23:44 14:24:00 14:11	= 11592 1,16:03 DOY=172 Start Peak End times 16:03:03 16:03:27 16:03:34 16:01
DOY=172 Peak 09:59	= 11587 tart Peak End time: tart Peak End time: 1:28 11:44 14:00 1:26:57 11:36:28 11:44:52 1:04 Frequency (MHz)/Flux(sfu): 2:32 12:32 12:49	1	= 11589 1,14:10 DOY=172 Start Peak End time: 14:09:17 14:10:15 14:11:13 14:09	1 D0Y=172 Peak 3 14:23:44	2 D0Y=172 Peak 3 16:03:27
Event # = 22996 89/06/21,09:59 C Start 60ES BCS 09:59 C FCS UVSP 10:14	THE THE	5/21	<b>*</b> €0	##= <b>(</b> U	*≈ €\
Event 89/06 60ES BCS FCS UVSP	Event # 89/06/2 89/06/2 0ptical Optical Optical Obtical WSP WSP Radio	Event 89/06/ GOES HXRBS UVSP	Event 89/06/ GOES HXRBS UVSP	Event 89/06/ GOES HXRBS UVSP	Event 89/06/ GOES HXRBS UVSP

Event # = 11593 89/06/21 17:25	593 25 DOV=172		NWO CONTRACTOR						4 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4
Start	Peak	End times				Pitch=-1/",Yaw	, Yaw=-974", Roll	, Roll=-20deg	
optica! 50ES 17:16	17:25		HaClass=1N Importance=M3	N26E60 0ual=03	AR5555	Mac.=CSO	Carr.Lon.=302deg	.=302deg	H.Ang=62deg
HXRBS 17:15:54 UVSP 17:17	:54 17:22:33	13 17:28:46	Peakc/s=103 Wavelength=1375A	Qual=01 Qual=01 A Code=00	Tot Cts=14495 Exp #=91056	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-58"	, Yaw=-989"
Event # = 11594 89/06/21,18:52 Start	594 52 DOY=172 Peak	Fnd times	SMM Pointing:			Pitch=-17",Yaw≖	, Yaw=-974", Roll	, Roll=-20deg	
ptical OES 18:48	18:52	19:04	HaClass=SN	N26E59	AR5555	Mac.=CSO	Carr.Lon.=302deg	=302deg	H.Ang=62deg
HXRBS 18:48:29 UVSP 18:49	29 18:49:04	18:51:46	Peakc/s=77 Wavelength=1375A	Qual=01 Qual=01 A Code=00	Tot Cts=2313 Exp #=91064	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-53",	, Үам=-989"
Event # = 11595 89/06/21,20:42 Start	95 12 DOY=172 Peak	Fnd times	SMM Pointing:			Pitch=-17", Yaw=-974", Roll=-20deg	974", Roll	=-20deg	
GOES HXRBS 20:42: UVSP 20:39	:22 20:42:57	_	Peakc/s=54 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=220 Exp #=91074	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-48",Yaw=-989"	, Yaw=-989"
Event # = 11596 89/06/21,21:00 Start	96 0 DOY=172 Peak	Fnd +	SMM Pointing:			Pitch=-17", Yaw=	, Yaw=-974", Roll:	, Roll=-20deg	
ptical OES 20:56	21:00		HaClass=SN	N27E59	AR5555	Mac.=CSO	Carr.Lon.=301deg	=301deg	H.Ang=62deg
HXRBS 20:56:12 UVSP 20:57	12 20:56:53	20:56:58	Peakc/s=62 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=557 Exp #=91076	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch≖-73",	_
Event # = 22998 89/06/21,21:48 Start	98 8 DOY=172 Peak	End times							
40ES 21:48	21:48	21:53	CaPeak.c/s≖19	Qua]=00 Qua]= 5	FePeak=21:49	FePeak.c/s=7	#Peaks=1		XEN=917206
/SP 21:52			Wavelength=1375A		Exp #=91079	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=3840s Pitch=-10",	3840s/pixel, Yaw=-961"
Event # = 12567 89/06/21,22:04 Start	67 4 DOY=172 Peak	End times							
GOES HXRBS 22:04:16 UVSP 21:54	16 22:04:22	22:04:29	Peakc/s≖80 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=184 Exp #=91080	MaxkeV=144 Rast=110"x200"	Flags=I Step=5"	Pitch=-48",	, Үаw=-989"
Event # = 11598 89/06/21,23:28 Start	38 3 DOY=172 Peak	End times							
GOES HXRBS 23:28:2 UVSP 23:28	:26 23:28:42	23:28:44	Peakc/s=48 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=88 Exp #=91088	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-48", Yaw=-989"	Yaw=-989"
									i

Start GOES HXRBS 23:47:01 UVSP 23:45	DUY=1/2 Peak 23:47:14	End times 23:47:28	Peakc/s=48 Wavelength=1375A	Qual=00 Qual=01	Tot	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-68",Yaw=-989"
Event # = 11599 89/06/22,01:33 Start GOES HXRBS 01:33:08 UVSP 01:33	DOY=173 Peak 01:33:59	End times 01:34:26	Peakc/s=54 Wavelength=1375A	89/06/22 Qual=03 Qual=01	DOY=173  Tot Cts=323  Exp #=91099	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-10", Yaw=-961"
Event # = 11600 89/06/22,02:56 Start GOES HXRBS 02:55:55 UVSP 02:50	D0Y=173 Peak 02:56:03	End times 02:56:17	Peakc/s=58 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=244 Exp #=91106	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+43",Yaw=-989"
Event # = 11601 89/06/22,07:06 Start Optical GOES HXRBS 07:06:09 UVSP 06:56	DOY=173 Peak 07:06:17	End times 07:06:40	HaClass=SF PeakC/s=47 Wavelength=2788A	N26E50 Qual=00 Qual=01	AR5555 Tot Cts=115 Exp #=91121	Mac.=DKI MaxkeV=102 Rast=180"x1"	Carr.Lon.=304deg Step=0" Pitch=	=304deg H.Ang=54deg Pitch=+118",Yaw=-789"
Event # = 11602 89/06/22,07:15 Start Optical GOES HXRBS 07:15:28 UVSP 06:56	DOY=173 Peak 07:15:32	End times 07:15:40	HaClass=SF Peakc/s=86 Wavelength=2788A	N16E77 Qual=00 Qual=01	AR5559 Tot Cts=123 Exp #=91121	Mac.=HSX MaxkeV=144 Rast=180"x1"	Carr.Lon.=277deg Step=0" Pitch=	=277deg H.Ang=77deg Pitch=+118",Yaw=-789"
Event # = 11603 89/06/22,09:17 D Start P Optical GOES 09:12 HXRBS 09:11:46 UVSP 09:23 Radio Frequency	= 11603 .09:17	. 3 es	HaClass=SF S16E36 Importance=C4 Qual=01 Peakc/s=50 Qual=01 Wavelength=2788A Code=02 245/120 606/46 1415/26	S16E36 Qual=01 Qual=01 Code=02 415/26	AR5552 Tot Cts=862 Exp #=91124	Mac.=FKI MaxkeV=102 Rast=180"x1"	Carr.Lon.=317deg Step=0" Pitch=	=317deg H.Ang=40deg Pitch=+118",Yaw=-789"
Event # = 11604 89/06/22,14:07 Start Optical GOES HXRBS 14:07:14 UVSP 14:01	= 11604 2,14:07 DOY=173 Start Peak End t 14:07:14 14:07:25 14:07	End times 5 14:07:29	Peakc/s=53 Wavelength=2788A	N25E46 Qual=00 Qual=01	AR5555 Tot Cts=101 Exp #=91130	Mac.=DKI MaxkeV=102 Rast=180"x1"	Carr.Lon.=304deg Step=0"Pitch=	=304deg H.Ang=50deg Pitch=+118",Yaw=-789"

- 387 -C-5

Event # = 11605 89/06/22,14:47   Start	00Y=173 Peak End time		CA					
GOES 14:41 HXRBS 14:44:36	14:47 14:53 14:44:55 14:50:16	Importance=C8 Peak	0ual=04	AR5555 Tot C+s-8661	Mac.=DKI	Carr.Lon.=300deg	=300deg	H.Ang=54deg
14:47	14:58 15:44	CaPeak.c/s=28	Qual= 1	FePeak=14:49	Febeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=917300
UVSP 14:50 Radio Sweeps	Type/Intensity:	Wavelength=1375A Code=02	\ Code=02	Exp #=91131	kast=300"x300" Rast=265"x265"	Step=20" Step=5"	Cad= 230s Pitch=-10",	1.024s/pixel ,Yaw=-961"
Radio Frequen	Frequency(MHz)/Flux(sfu):	415/40 2695/83		8800/230 15400/160	091			
Event # = 11606 89/06/22,20:57 Start Optical	DOY=173 Peak End times	s HaClass=SF	N21E62	AR5557	Mac.=AXX	nation =285des	2X5460	20707-200
HXRBS 20:56:55 2 UVSP 21:01	20:57:15 20:57:35	Peakc/s=73 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=348 Exp #=91153	MaxkeV=144 Rast=265"x265"	7+00+7 = 15=	190 - 120 - 40+10	600 - 600 - 100 A
Radio Sweeps Radio Frequen	eeps Type/Intensity: Frequency(MHz)/Flux(sfu):	V/3 245/760		-			,	aw = -901
Event # = 11607 89/06/22,21:28 Start	DOY=173 Peak End times							
Optical Optical GOES 21:17	21:28 21:43	HaClass=SF HaClass=SF	N22E76 N26E45	AR5557 AR5555	Mac.=AXX	Carr.Lon.=270deg Carr.Lon.=301deg		H.Ang=76deg H.Ang=49deg
HXRBS 21:19:32 UVSP 21:22	21:20:18 21:21:09	Peakc/s=57 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=1087 Exp #=91156	MaxkeV=102 Rast=110"x200"	Step=5" F	Pitch=-48",	, Yaw=-989"
= 12568 2,23:10 Start	DOY=173 Peak End times							
23:06	23:10 23:13	HaClass=SF Importance=C4	N27E45 Oual=01	AR5555	Mac.=DKI	Carr.Lon.=300deg		H.Ang=50deg
HXKBS 23:06:12 0 UVSP 23:09 Radio Sweeps	23:06:41 23:08:07 Type/Intensity:	Peakc/s=60 Wavelength=1375A ( III/3 V/2	)ual=01 Code=00	Tot Cts=894 Exp #=91165	MaxkeV=102 Rast=265"x265"	Flags=I Step=5" P	Pitch=-10",Yaw=-961	Yaw≖-961"
Even+ # - 11608			89/06/23	D0Y=174				
89/06/23,00:13 Start	DOY=174 Peak End times	:						
GOES 00:09	00:13 00:15	HaClass=SF Importance=C3	N25E40 Oual=01	AR5555	Mac.=DKI	Carr.Lon.=305deg		H.Ang=45deg
HXRBS 00:10:38 UVSP 00:09 Radio Frequenc	00:10:38 00:11:47 00:12:04 00:09 Frequency(MHz)/Flux(sfu):	Peakc/s=69 Qual=01 Fot Cts=728 Wavelength=1375A Code=00 Exp #=91170 410/310 4995/20 8800/40 15400/39	Qual=01 Code=00 800/40 154	Tot Cts=728 Exp #=91170 400/39	MaxkeV=187 Rast=110"x200"	Step=5" P	Pitch=-88",Yaw=-989"	ам=-989"

Event # = 11609 89/06/23,01:02 Start Optical	DOY=174 Peak	End times	.Class=SF	S16E72	AR5563	Mac.=BXO	Carr. Lon. =272deg		H.Ang=73deg
Optical GOES 00:37 HXRBS 00:37:54 UVSP 01:00	01:02 00:38:03	01:12 00:38:22	5A	NCSE41 Qual=03 Qual=01 Code=00	AK5553 Tot Cts=120 Exp #=91175	MaxkeV=102 Rast=265"x265"	Step=5"	-10"	n.∧ng-1/ucg Yaw=-961"
Event # = 11610 89/06/23,01:35 Start	10 5 DOY=174 Peak End	d times	SM	S19E34	A05565	Pitch=+140", Yaw	, Yaw=+586", Roll=-20de	, Roll=-20deg	H. Ang=40deg H. Ang=72deg
Uptical GOES HXRBS 01:34: UVSP 01:39 Radio Frequ	01:34:50 01:35:07 01:35:56 01:39 Frequency(MHz)/Flux(sfu):	:35:56 (sfu):	akc/s=59 velength=137 5/45 410/90	0ual=01 0ual=01 0ual=01 5/190 1419	Tot Cts=910 Exp #=91177 5/3 2695/17 499	M225/1 Qual=01 Qual=01 Tot Cts=910 MaxkeV=144 55A Exp #=91177 Rast=265"x265" Step=5" 606/190 1415/3 2695/17 4995/29 8800/46 15400/46	Step=5" 0/46	Pitch=+147",Yaw=+598"	, Yaw=+598"
Event # = 116 89/06/23,03:3	00Y=174		SMM Pointing:	S19E33		Pitch=+144", Yaw=+576", Roll=-20deg	=+576", Roll	=-20deg	H.Ang=39deg
Start 60ES 03:26 C HXRBS 03:27:10 C UVSP 03:54 Radio Sweeps	eak 13:32 13:27:49 Type/I		Importance=C4 Peakc/s=54 Wavelength=2788A III/2	Qual=01 Qual=01	Tot Cts=1003 Exp #=91185	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+25",Yaw=+500"	Yaw=+500"
Event # = 11612 89/06/23,03:46 Start	512 16 DOY=174 Peak End	d times	SMM Pointing:	S19E33		Pitch=+144", Yaw=+576", Roll=-20deg	=+576", Roll	=-20deg	H.Ang=39deg
GOES HXRBS 03:45: UVSP 03:54	2 03:46:07	03:46:20	Peakc/s=51 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=120 Exp #=91185	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+25",Yaw=+500"	Yaw=+500"
Event # = 11613 89/06/23,03:51 Start	DOY=174 Peak	End times	SMM Pointing:	S19E33		Pitch=+144", Yaw=+576", Roll=-20deg	/=+576", Roll	=-20deg	H.Ang=39deg
GOES HXRBS 03:51:23 UVSP 03:54	03:51:33	03:51:48	Peakc/s=73 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=370 Exp #=91185	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+25",Yaw=+500"	, Yaw=+500"
Event # = 11614 89/06/23,04:59 [ Start	00Y=174 Seak	End times	SMM Pointing:	S19E32		Pitch=+148", Yaw=+565", Roll=-20deg	/=+565", Rol	=-20deg	H.Ang≖38deg
GOES HXRBS 04:56:31 BCS 04:58	)4:56:52 )4:59	04:58:15 05:06	Peakc/s=179 CaPeak.c/s=37	Qual=01 Qual=01 Qual= 1	Tot Cts=2376 FePeak=04:59	MaxkeV=144 FePeak.c/s=9	#Peaks=1 <+en=20"	dt= 7.7s Cad= 230s	XEN=917400 1.024s/pixel
0₹	eeps Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=2788A III/2 245/950 410/130 6	506/98 14	length=2788A Exp #=91186 Rast 2 2 950 410/130 606/98 1415/39 2695/40 4995/20	Rast=180"x1" 995/20	Step=0"	Pitch=+27"	, Yaw=+496"

	89/00/23,06:12 Start	007=1/4 Peak	Fnd times	SMM Pointing:	S19E32		Pitch=+152",Yav	, Yaw=+555", Rol	, Roll=-20deg	H.Ang≖37deg
GOES HXRBS 0 UVSP 0	06:12:48 06:05	06:12:56		Peakc/s=48 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=96 Exp #=91188	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+31"	, Yaw=+486"
Event # = 11616 89/06/23,07:48 Start	= 11616 ,07:48 tart	D0Y=174 Peak	End times	SMM Pointing:	S19E31		Pitch=+156", Yaw	, Yaw=+544", Roll=-20deg	1=-20deg	H.Ang=37deg
GOES HXRBS 0 UVSP 0 Radio	7:48:25 7:39 Frequen	07:48:42 cy(MHz)/F		Peakc/s=53 Wavelength=2788A 410/740 2695/13 4	Qual=0 Qual=0 995/25	11 Tot Cts=281 Exp #=91190 8800/22 15400/30	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+35"	, Үам=+475"
Event # = 11617 89/06/23,12:38	= 11617 ,12:38	DOY=174	+ + + + + + + + + + + + + + + + + + +	SMM Pointing:	S19E28		Pitch=+168", Yaw	, Yaw=+512", Rol	, Roll=-20deg	H.Ang=35deg
Optical		Y Cak		HaClass=SF	N21W19	AR5544	Mac.=DA0	Carr.Lon.=357deg	=357deg	H.Ang=27deg
HXRBS 1 UVSP 1	12:37:35 12:29	12:38:14 12	:38:18	Peakc/s=48 Wavelength=1375A	Qual=01	Tot Cts=173 Exp #=91198	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+253"	', Yaw=+602"
Event # = 23000 89/06/23,13:58 Start	= 23000 ,13:58 tart	00Y=174 Peak	End times							
	13:56	13:58	14:04	CaPeak.c/s=24	Qua]=00 Qua]= 4	FePeak=13:57	FePeak.c/s=10		dt= 7.7s	XEN=917401
UVSP 1	3:59			Wavelength=1375A		Exp #=91203	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=-532",	1.024s/pixel ",Yaw=+314"
5/23 S/23	= 23001 ,15:32 tart	D0Y=174 Peak	End times							
GOES BCS 1	15:27	15:32	15:41	CaPeak.c/s=30	Qual=00 Qual= 4	FePeak=15:29	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=917402
	5:31			Wavelength=1375A		Exp #=91210	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=-528"	1.024s/pixel ",Yaw=+305"
Event # = 23002 89/06/23,17:02 Start	= 23002 ,17:02 tart	D0Y=174 Peak	End times							
BCS 1.	17:01	17:02	17:05	CaPeak.c/s=49	Qual=00 Qual= 1	FePeak=17:02	FePeak.c/s=11		dt= 3.85	XEN=917403
	17:05			Wavelength=1375A		Exp #=91217	Kast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=-525"	1.024s/pixel ",Yaw=+295"
Event # = 23003 89/06/23,21:53 Start Optical	- 23003 ,21:53 tart	D0Y=174 Peak	End times	HaClass≖SF	N26E33	AR5555	Mac.=DKI	Carr.Lon.=300deg	=300deq	H. Ang=40deg
GOES BCS 2:	21:50	21:53	22:19	CaPeak.c/s=33	Qual=00 Qual= 1	FePeak=21:53	FePeak.c/s=8		7s	XEN=917404
UVSP 2	21:46		-	Wavelength=1375A		Exp #=91235	Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s 1 Pitch=-546",	1.024s/pixel ",Yaw=+308"

Event # = 11618	771-200		CMM Dointing.	NO7E2G		Pitch=+406", Yaw=	Yaw=+401", Roll	, Roll=90deg	H.Ang=37deg
89/06/23,23:39 Start Optical	Peak Peak	End times		S20W32 S15E16	AR5542 AR5552		Carr.Lon.=4deg Carr.Lon.=316deg		H.Ang=38deg H.Ang=23deg
G0ES 23:55 HXRBS 23:56:34 UVSP 23:51	23:59 23:56:38	00:02 23:57:50	3 75A	Qual=01 Qual=01 Code=00	Tot Cts=1247 Exp #=91246	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+445"	, Yaw=+428"
				89/06/24	D0Y=175				
	D0Y=175 Peak	End times		C18E38	405542	XVH = Can	Carr.Lon.	=9dea	H.Anq≖42deg
Optica! GOES 00:50 BCS 00:44	00:53 00:51	00:56 01:00	ndlass-3r Importance=C2 CaPeak.c/s=31	Qual=01 Qual= 1	FePeak=00:45	FePeak.c/s=7	#Peaks=1	7.75	XEN=917500 1.024s/nixel
FCS UVSP 00:52			Wavelength=1375A	Code=00	Exp #=91249	Rast=10"x10"	Step=0"		, Yaw=+259"
Event # = 23005 89/06/24,03:26 Start	D0Y=175 Peak	End times					-	0 c c c c c c c c c c c c c c c c c c c	27700
S Ca	03:2	33	HaClass=SF Importance=M2	N26E29 Qua]=05	AR5555	Mac.=EKI	<pre>"Earr.Lon.=Soluey "Earr.Lon] dt= 7</pre>	,	M.AIIG-3/469
BCS 03:48 FCS 03:42 UVSP 03:42	03:49	:03	CaPeak.c/s=36 Wavelength=2788A		FePeak=03:49 Exp #=91258	FePeak.c/s=/ Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	<pre>at= /./s</pre>	AEN=91/302 1.024s/pixel ",Yaw=+144"
Event # = 23006 89/06/24,12:29	88	7							
GOES 12:25 BCS 12:19	12:29 12:27	12:33 12:30	Importance=C3 CaPeak.c/s=115	Qual=03 Qual= 1	FePeak=12:27	FePeak.c/s=22	#Peaks=2 Sten=10"	dt= 3.8s X Cad= 590s 1	XEN=917503 1.024s/pixel
FCS UVSP 11:45			Wavelength=2788A	Code=00	Exp #=91269	Rast=243"x243"			", Yaw=+173"
Event # = 23007 89/06/24,13:57 Start	DOY=175 Peak	End times				;	-	1	C - 500
mm	13:57 13:57	93	HaClass=SF Importance=C4 CaPeak.c/s=189	N27E24 Qual=04 Qual= 5	AR5555 FePeak=13:57	Mac.=EK1 FePeak.c/s=30 pac+=240"<240"	#Peaks=1 <pre>Sten=15"</pre>	= 3000eg dt= 3.8s Cad= 262s	xEN=917504 1.024s/pixel
FCS UVSP 13:46			Wavelength=1375A	Code=00	Exp #=91276	Rast=30"x30"		Pitch=-511	", Yaw=+182"
Event # = 23008 89/06/24,16:06 Start	3 D0Y=175 Peak	End times				;	-	# C P C C C -	ביסת בי
Optical GOES 16:00 BCS 16:09	16: 16:	16:09 16:22	HaClass=SF Importance=C8 CaPeak.c/s=93	N25E21 Qual=05 Qual= 5	AR5555 FePeak=16:09	Mac.=EKI FePeak.c/s=10	#Peaks=1 dt= 3.	.=3020ey dt= 3.8s rad=1.02s	XEN=917505 1.024s/bixel
16:			Wavelength=1375A Code=02	A Code=02	Exp #=91284	Rast=265"x265"	Step=5"	Pitch=-465	", Yaw=+143"
	1								

89/06/25/341   Each times   CaPeak.c/s-20   Qual-01   Exp #-91286   Febrak.c/s-16   Febrak.c/s	Event # = 2	3009								
16:29   16:31   CaPeak.c/s-20   Qual=00   Exp #=91286   Rast=240"/260"   Step=55"   Cad= 2628   Rast=240"/260"   Step=50"   Cad= 1.028   Cad= 2628	19/06/24,16 Star	DOY=17 Peak	End							
DOY=175  End times  21:20  21:20  21:20  21:20  21:20  22:20  22:25  22:25  22:25  22:25  22:25  22:25  22:25  22:25  22:25  22:25  22:26  22:25  22:25  22:26  22:25  22:26  22:27  22:28  22:28  22:28  22:29  22:30  22:29  22:30  23:30  23:	-	16:2	9	CaPeak.c/s=20	Qua]=00 Qua]= 4		FePeak.c/s=6		dt= 7.7s	XEN=917506
Peak 21:29 CaPeak.c/s=59 Qual=1 FePeak=21:19 FePeak.c/s=12 FePeak.c/s=12 FePeaks=1 dt=3.8s Rast=240.x30"x30" Step=15" Cad=-262s Havelength=1375A Exp f=91309 Rast=230"x30" Step=15" Cad=-262s Havelength=1375A Cad=-00 Exp f=91309 Rast=20"x30" Step=15" Cad=-262s Havelength=1375A Cad=-00 Exp f=91312 Rast=265"x26" Step=15" Cad=-262s Rast=20"x240" Step=15" Cad=-262s Rast=20"x240" Step=15" Cad=-262s Rast=20"x240" Step=15" Cad=-262s Rast=20"x240" Step=15" Cad=-262s Rast=20"x240" Step=15" Cad=-262s Rast=20"x240" Step=15" Cad=-262s Rast=20"x25" Step=15" Cad=-262s Rast=20"x25" Step=15" Cad=-262s Rast=20"x25" Step=15" Pitch=-449" Rast=20" Cad=10.28s Rast=20"x20" Step=10" Cad=10.28s Rast=20"x20" Step=10" Cad=-202s Rast=20"x20" Step=20" Cad=-202s Rast=202s Ra	VSP 16:1	9		elength=137		Exp #=91286	Rast=240"x240" Rast=30"x30"		Cad= 262s Pitch=-462	1.024s/pixel ", Yaw=+116"
21:20 21:29 GaPeak.c/s-59 Qual=10	/ent # = 2 3/06/24,21 Star	D0Y=17 Peak	End time							
DOY=175  End times  HaClass=SF \$20450  Peak. 22:29  GaPeak.c/s=64  Ha.elaysa  Ha.elass=SF \$20450  Hac.elas  Ha.elaysa  Ha.elaysa  Ha.elaysa  Ha.elaysa  Ha.elaysa  Ha.elaysa  Ha.elaysa  Ha.elaysa  Ha.elaysa  Ha.elass=SF \$20450  Hac.elas  Ha.elaysa  Ha.elass=SF \$20450  Hac.elas  Ha.elass=SF \$20450  Hac.elas  Ha.elass=SF \$20450  Hac.elass=SF \$204500  Hac.elass=	21:1	21:2	21:29	CaPeak.c/s=59		FePeak=21:19	FePeak.c/s=12 Rast=240"x240"		dt= 3.8s Cad= 262s	XEN=917507 1.024s/pixel
DOY=175  End times  HaClass=SF S20W50  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 22:29  Wavelength=1375A Code=00  Box 4:10  Wavelength=1375A Code=00  Box 4:10  Wavelength=1375A Code=00  Box 4:10  Wavelength=1375A Code=00  Box 4:10  Box 22:29  Wavelength=1375A Code=00  Box 4:10  Box 33:40  Box 24:10  Box 25:40  Box 25:40  Wavelength=1375A Code=00  Box 4:10  Box 4:10  Box 25:40  Box 26:40  Box 4:40	ent # = 1	1619		We tet in final arm		- 1	Kast=30"x30"		Pitch=-499	", Yaw=+152"
22:25 22:31	/06/24,22 Start	DOY=17 Peak	End	SMM Pointing:	N27E16		Pitch=-456",Ya	W=+88", Roll:	=-20deg	H.Ang=29deg
22:20	tical ES 22:10	22:25	22:31	HaClass≖SF Importance=C4	\$20W50 Qual=04	AR5542	Mac.=HSX	Carr. Lon.	=9deg	H.Ang=54deg
Mayelength=1375A Code=00   Exp #=91312   Rast==0"x0"   Step=0" Cad=1.02s	KBS 22:1: S 22:15	22:19 22:20	22:21 22:29	Peakc/s=55 CaPeak.c/s=64	Qua]=01 Qua]= 4	Tot Cts=248 FePeak=22:20	MaxkeV=102 FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=917508
DOY=176  DOY=176  DOY=176  Each times  HaClass=SN  N27E14  Peak  HaClass=SN  N27E14  N27E14  Peak  N27E14  Peak  N27E14  N27E14  Pitch=-443", Yaw=+55", Roll=-20deg  Mac.=EKI  Carr.Lon.=303deg  Carr.Lon.=303deg  Mac.=EKI  Carr.Lon.=303deg  Mac.=EKI  Carr.Lon.=303deg  Cad=1.02s  Wavelength=2788A Code=00 Exp #=91331  DOY=176  DOY=176  DOY=176  DOY=176  DOY=176  Mac.=EKI  Carr.Lon.=303deg  Cad=1.02s  Wavelength=137SA Code=00 Exp #=91331  Peak  Mac.=EKI  Carr.Lon.=303deg  Cad=1.02s  Mac.=EKI  Carr.Lon.=303deg  Cad=1.02s  Mac.=EKI  Carr.Lon.=303deg  Cad=1.02s  Mac.=EKI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Mac.=IRI  Mac.=IRI  Mac.=IRI  Mac.=IRI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=303deg  Mac.=IRI  Mac.=IRI  Mac.=IRI  Mac.=IRI  Mac.=IRI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=303deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=304deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=305deg  Cad=1.02s  Cad=1.02s  Mac.=IRI  Carr.Lon.=305deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=305deg  Cad=1.02s  Mac.=IRI  Carr.Lon.=305deg  Cad=1.02s  Cad=1.02s  Mac.=IRI  Carr.Lon.=305deg  Cad=1.02s  Cad=1.02s  Mac.=IRI  Carr.Lon.=305deg  Cad=1.02s  Cad=1.02s  Cad=1.02s  Mac.=IRI  Carr.Lon.=305deg  Cad=1.02s	22:2	€*		Wavelength=1375A			Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s Pitch=-448	1.024s/pixel ", Yaw=+100"
DOY=176  Peak End times  HaClass=SN N27E13  N27E13  AR5555  Hac.=EKI Carr.Lon.=303deg 03:50.37 03:51.54  Peak End times  HaClass=SF N27E10  AR5555  Hac.=EKI Carr.Lon.=303deg 03:50.37 03:55.54  Hac.=EKI Carr.Lon.=303deg 03:50.37 03:55.54  Hac.=EKI Carr.Lon.=303deg 03:50.37  Hac.=EKI Carr.Lon.=303deg 03:50.37  Hac.=ERX Capeak.c/s=215  Hac.=EKI Carr.Lon.=303deg Cad=1.02s Rast=0"x0" Step=0" St		007			89/06/2					
03:51	ent # = 11 /06/25,03: Start	1520 152 DOY=176 152 Peak	End t	Pointing	N27E14		Pitch=-443", Yaw	v=+55", Roll:	20deg	H.Ang=28deg
03:50:37 03:51:54 Peakc/s=91 Qual=03 Tot Cts=3024 MaxkeV=102 Flags=EN	tical ES 03:48	_	03:57		N27E13	AR5555	Mac.=EKI	Carr.Lon.	=303deg	H.Ang=28deg
DOY=176  Peak End times  Wavelength=2788A Code=00 Exp #=91331 Rast=180"x1" Step=0" Cad=1.02s  DOY=176  Beak End times  Wavelength=1375A Code=00 Exp #=91331 Rast=0".x0" Step=0" Pitch=-307  O8:25	385 03:45 03:49	$\sim$	03:51:54 03:56		Qual=03 Qual= 1	Tot Cts=3024 FePeak=03:50	MaxkeV=102 FePeak.c/s=215		dt= 3.8s	XEN=917600
DOY=176 Peak End times HaClass=SF N27E10 AR5555 Mac.=EKI Carr.Lon.=304deg 08:20 08:25 Importance=C2 Qual=01 FePeak=08:18 FePeak.c/s=15 #Peaks=1 dt= 7.7s Wavelength=1375A Code=00 Exp #=91338 Rast=0"x0" Step=0" Cad=1.02s DOY=176 Peak End times HaClass=SF N28E09 AR5555 Mac.=EKI Carr.Lon.=303deg HaClass=SF S20E11 AR5556 Mac.=EKI Carr.Lon.=303deg O8:41 08:49 Importance=C2 Qual=02 Qual=1 FePeak=08:30 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Wavelength=2788A Code=00 Exp #=91339 Rast=180"x1" Step=0" Pitch=-294"	iP 03:50			41	Code=00		Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=-307	1.024s/pixel ", Yaw=-22"
08:19 08:23	int # = 23 06/25,08: Start ical	DOY=1 Peak	imes		N27E10	AR5555	Mac.=EKI	Carr, Lon.=	304dea	H.Ana=27dea
D0Y=176 Peak End times HaClass=SF N28E09 AR5555 Mac.=EKI Carr.Lon.=305deg HaClass=SF S20E11 AR5556 Mac.=EKI Carr.Lon.=305deg HaClass=SF S20E11 AR5556 Mac.=EKI Carr.Lon.=303deg HaClass=SF S20E11 AR5556 Mac.=EKI Carr.Lon.=303deg O8:31 08:34 CaPeak.c/s=36 Qual=1 FePeak=08:30 FePeak.c/s=10 #Peaks=1 dt= 7.7s Mavelength=2788A Code=00 Exp #=91339 Rast=180"x1" Step=0" Cad=1.02s	88:17	08:1			Qual=01 Qual= 1	FePeak=08:18	FePeak.c/s=15		75	XEN=917601
DOY=176 Peak End times HaClass=SF N28E09 AR5555 Mac.=EKI Carr.Lon.=305deg HaClass=SF S20E11 AR5556 Carr.Lon.=303deg HaClass=SF S20E11 AR5556 Carr.Lon.=303deg HaClass=SF S20E11 AR5556 O8:41 O8:49 Importance=C2 Qual=02 O8:31 O8:34 CaPeak.c/s=36 Qual= 1 FePeak=08:30 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0.x0" Step=0" Cad=1.02s Wavelength=2788A Code=00 Exp #=91339 Rast=180"x1" Step=0" Pitch=-294"	P 07:48			avelength=1375A	Code=00	Exp #=91338	Rast=0"x0" Rast=70"x70"		Cad=1.02s Pitch=-436"	1.024s/pixel ',Yaw=+31"
HaClass=SF N28E09 AR5555 Mac.=EKI Carr.Lon.=305deg HaClass=SF S20E11 AR5556 Carr.Lon.=303deg HaClass=SF S20E11 AR5556 Carr.Lon.=303deg 18:29 08:31 08:34 CaPeak.c/s=36 Qual= 1 FePeak=08:30 FePeak.c/s=10 #Peaks=1 dt= 7.7s Havelength=2788A Code=00 Exp #=91339 Rast=180"x1" Step=0" Pitch=-294"	nt # = 23 06/25,08: Start	DOY=17 Peak	times							
08:29 08:31 08:34 CaPeak.c/s=36 Qual= 1 FePeak=08:30 FePeak.c/s=10 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s 18:26 Rast=180"x1" Step=0" Pitch=-294"	<u></u>	08:4	49	Class=SF Class=SF tance=C2	N28E09 S20E11 Oual=02	AR5555 AR5556	Mac.=EKI	Carr.Lon.= Carr.Lon.=		H.Ang≈27deg H.Ang=25deg
18:26 Wavelength=2788A Code=00 Exp #=91339 Rast=180"x1" Step=0" Lad≈1.0Zs Pitch=-294'	<u></u>	08:3	34	k.c/s=36	Qual= 1	FePeak=08:30	FePeak.c/s=10		dt= 7.7s	XEN=917602
	8:5			elength=2788A		Exp #=91339	Rast=180"x1"		cad=1.02s Pitch=-294"	1.024s/pixel ,Yaw=-55"

Signate   Peak   End times   Hanclass=5F   R28E11   AR8555   Hac.=EK1   Carr.Lon.=302deg     Signate   Peak   End times   Hanclass=5F   R28E11   AR8555   Hac.=EK1   Carr.Lon.=302deg     Signate   Sign	Event # = 11621 89/06/25.09:45			SMM Pointing:	N27E11		Pitch=-427", Yaw	, Yaw=+10", Roll=-20deg		H.Ang=27deg
09.45 09.45 09.45 09.45 09.44 09.45 09.44 08.49 09.44 09.45	<u>ټ</u>	Peak	1 times	Class=SF	N28E11	AR5555	Mac.=EKI	Carr.Lon.≕		H.Ang=28deg
## 11822   2513:11   2074-176   2516-5"   2516-5"   2516-5"   2516-5"   2516-5"   2516-5"   2516-5"   2516-5"   2516-5"   2516-5-45"   2516-5"   2		09:45 19 09:43 09:45	09:47 09:43:50 09:47	tance=C2 c/s=61 k.c/s=50	Qual=01 Qual=01 Qual= 4	Tot Cts=239 FePeak=09:44	MaxkeV=102 FePeak.c/s=18		dt= 3.8s Cad=1.02s	XEN=917603 1.024s/pixel
DOY=176   SMM Pointing:   N27E10   Pitch=-422", Yaw=-1", Roll=-20deg   Peak	09:1	<b>ι</b> ς		avelength=1375A	Code=00	Exp #=91341	Rast=70"x70"		Pitch=-467"	, Yaw=+60"
10:41   10:51   10:62   10:50   10:41   10:64   10:65   10:6	vent 9/06/	90Y=17	L		N27E10		Pitch=-422", Yaw	=-1", Roll=-;	20deg	H.Ang≈27deg
Mavelength=1375A Code=02	10	Peak 10:41 10:39:2 10:46	End times 10:51 5 10:40:19 10:50		Qual=04 Qual=01 Qual= 5	Tot Cts=784 FePeak=10:46	MaxkeV=102 FePeak.c/s=11 Dact=0"x0"	#Peaks=2 Sten=0"		XEN=917604 1.024s/pixel
B89/06/26   DOY=177   SMM Pointing:   N27E01   Pitch=-375", Yaw=-125", Roll=-20deg	10:4	വ		elength=137	ပ	Ехр	Rast=265"x265"	Step=5"		, Yaw=+12"
DOY=177 Peak         SMM Pointing:         N27E01         Pitch=-375", Yaw=-125", Yaw=-125", Roll=-20deg           03:52:16         D3:52:22         Peak         L25=57         Qual=01         Tot Cts=53         MaxkeV=859 Rast=180"x1"         Flags=NS.GB Step=0"         Flags=NS.GB Pitch=-242"           D0Y=177 Peak         SMM Pointing:         N27E01         N27E01         Pitch=-375", Yaw=-125", Roll=-242"           D0Y=177 Peak         End times         HaClass=SF HaClass=SF HaClass=SF Havelength=2788A         N26E02 Rast=180"x1"         MaxkeV=102 Rast=180"x1"         Apak=-125", Roll=-242"           D0Y=177 Peak         CaPeakC/s=11 Qual=01         Qual=01 Rast=180"x1"         Doty=102 Step=0"         Apak=-125", Roll=-242"           D0Y=177 Peak         End times         CaPeakC/s=13 Qual=01         Peeak=03:59 Rast=240"x240"         Apak=1.02s Step=0"         Pitch=-242"           D0Y=177 Peak         End times         Exp #=9140         Rast=180"x1"         Step=0"         Pitch=-242"           D0Y=177 Peak         End times         Exp #=91410         Rast=180"x1"         Step=0"         Pitch=-242"           D0Y=177 Peak         End times         Rast=180"x1"         Step=0"         Pitch=-242"           D0Y=177 Peak         Bual=01         Roll=-273         Pitch=-242"           D0Y=177 Peak					89/06/2					
Peak   End times   Exp #=91409   Rast=180"x1"   Step=0"   Pitch=-242"	Event # = 1 89/06/26,03	4 D0Y=17			N27E01		Pitch=-375",Yaw	r=-125", Roll	=-20deg	H.Ang≈25deg
DOY=177   End times   N27E01   Pitch=-375", Yaw=-125", Roll=-20deg	Star HXRBS 03:5 UVSP 03:2	Peak 5 03:52	End time 6 03:52:22	Peakc/s=57 Wavelength=2788A		Tot Cts=53 Exp #=91409	MaxkeV=859 Rast=180"x1"	Flags=NS,G Step=0"	38 Pitch=-242	', Yaw=-193"
Peak End times  04:00 04:03	Event # = 1 89/06/26.04	D0Y=17		SMM Pointing	N27E01		Pitch=-375", Yaw	v=-125", Roll	l=-20deg	H.Ang=25deg
03:45 04:00 04:03 Importance=C3 Qual=01 Tot Cts=727 Repeak.c/s=13 #Peaks=1 dt= 3.8s   03:58:03 03:58:18 03:58:27 Peak.c.c/s=17 Qual=01 FePeak=03:59   04:00 04:02 CaPeak.c.c/s=11 Qual=01 FePeak=03:59    # = 23013	Optical		End		N26E02		Mac.=EKI	Carr.Lon.=	=301deg	H.Ang=24deg
# = 23013 /26,04:23	888	:03	04:03 03:58 04:02	<pre>Importance=C3 Peakc/s=117 CaPeak.c/s=51</pre>	Qual=01 Qual=01 Qual= 4	Tot Cts=727 FePeak=03:59	MaxkeV=102 FePeak.c/s=13		dt= 3.8s Cad=1.02s	XEN=917700 1.024s/pixel
# = 23013 (26,04:23 DOY=177 Start Peak  # = 11624  # = 1624    Aual=01	03	82		₩avelength=2788A		Exp #=91409	Rast=180"x1"	- 1	Pitch=-242	', Yaw=-193"
04:23  04:24	# 10	13 3 DOY=1 Peak	7 End times		0.01					
04:32 Wavelength=2788A Exp #=91410 Rast=180"x1" Step=0" Pitch=-239  f # = 11624 6/26.08:49 DOY=17 Step=0" Pitch=-239 Fitch=-363", Yaw=-158", Roll=-20deg  Start Peak End times HaClass=SF N29W01 Carr.Lon.=301deg  Rast=70"x70" Step=6" Pitch=-239 Fitch=-239  Oual=00 Tot Cts=213 MaxkeV=102 Wavelength=1375A Exp #=91417 Rast=70"x70" Step=5" Pitch=-423  Oual=00 Frequency (MHz)/Flux(sfu): 245/100	04	3 04:2	.:	eak.c/s≖1	Qual=01	FePeak=04:23	FePeak.c/s=11 Past=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=917701 1.024s/pixel
= 11624 6,08:49 DOY=177 SMM Pointing: N27W02 Start Peak End times HaClass=SF N29W01 08:49:44 08:49:55 08:50:14 Peakc/s=53 Qual=01 Tot Cts=213 MaxkeV=102 Wavelength=1375A Exp #=91417 Rast=70"x70" Step=5" Pitch=-423" Frequency (MHz)/Flux(sfu): 245/100	Ŏ	32				Exp #=91410	Rast=180"x1"	Step=0"	Pitch=-239	", Yaw=-201"
Start Peak End times  HaClass=SF N29W01  08:49:44 08:49:55 08:50:14 Peakc/s=53 Qual=01 Tot Cts=213 MaxkeV=102 08:31 Frequency(MHz)/Flux(sfu): 245/100	Event # = 89/06/26,08	624 49		Pointing	N27W02		Pitch=-363",Ya	w=-158", Rol	]=-20deg	H.Ang=25deg
08:49:44 08:49:55 08:50:14 Peakc/s=53 Qual=01 Tot Cts=213 MaxkeV=102 08:31 Wavelength=1375A Exp #=91417 Rast=70"x70" Step=5" Frequency(MHz)/Flux(sfu): 245/100	S	L)	End time	Ha	N29W01			Carr.Lon.	=301deg	H.Ang=27deg
	888	49:44 08:49: 31 equency(MHz)	55 08:50:14 /Flux(sfu):	Peakc/s=53 Wavelength=1375A 245/100	Qual=01	Tot Exp	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=-423	", Yaw=-124"

89/06/25, 10:07 DON=177 805/06/25, 10:07 DON=177 805/06/25, 10:07 DON=177 805/06/25, 10:07 DON=177 805/06/25, 10:07 DON=177 805/06/25, 10:07 DON=177 805/06/25, 10:07 DON=178 805/06/25, 10:07 DO	1007 = # 1					MA				
Mayelength=1375A Code=00   Exp #=91419   Rast=70"x70"   Step=5" Cad=1.02s   Pakt=137   Pakt=1375A Code=00   Exp #=91419   Pakt=130"x30"   Step=5" Pitch=-4194   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Step=5" Pitch=-4104   Pakt=130"x30"   Pakt=130"x30"   Step=5" Pitch=-398"   Pakt=130"x30"   "   "   Pakt=130"x30"x30"x30"   Pakt=130"x30"x30"x30"x30"x30"x30"x30"x30"x30"x	726,10:07 Start 09:58 10:01	DOY=1 Peak 10:07 10:02	End times 10:24 10:30		Qua]=02 Qua]= 2	FePeak=10:02	FePeak.c/s=11	#Peaks=1		XEN=917702
15:20:20   15:22:22   Peakc/s=49   Qual=00   Pitch=-345", Yaw=-203", Roll=-20deg   Peak   Pointing: REA   Rest=30"x30"   Step=5"   Pitch=-404   Pitch=-328", Yaw=-203", Roll=-20deg   Peak   Pointing: RZMOB   Rast=30"x30"   Step=5"   Pitch=-404   Peak   Pointing: RZMOB   Rast=30"x30"   Step=5"   Pitch=-404   Peak   Pointing: RZMOB   Rast=30"x30"   Step=5"   Pitch=-306   Pitch=-328", Yaw=-249", Roll=-20deg   Rast=30"x30"   Step=5"   Pitch=-306   Pitch=-328", Yaw=-249", Roll=-20deg   Peak   Rast=30"x30"   Rast=30"x30"   Step=5"   Pitch=-338   Pitch=-338   Pitch=-328", Yaw=-249", Roll=-20deg   Peak   Rast=30"x30"	09:55			Wavelength=1375A		Exp #=91419	Rast=0"x0" Rast=70"x70"	Step=0" Step=5"		1.024s/pixel ", Yaw=-130"
15:20:20   15:22:22   Peakc/s=49   Qual=02   Exp #=91436   Rast=30"x30"   Step=5" Pitch=-404	# = 11629 /26,15:20 Start	) D0Y=177 Peak	End times		N27W05		Pitch=-345", Yaw	w=-203", Ro]	]=-20deg	H.Ang=25deg
DOY=177 End times PeakClass=SB N21E27 AR5569 Mac.=0SO Carr.Lon.=26deg Qual=01 Tot Cts=5062 Ast=320", Yaw=-249", Roll=-20deg Peak	15:19:48 15:08	15:20:20	15:22:22	Peakc/s=49 Wavelength=1375A		Tot Cts=681 Exp #=91436	MaxkeV=144 Rast=30"x30"	Flags=SA Step=5"	Pitch=-404	', Yaw=-162"
21:10	# = 11626 /26,21:10 Start	DOY=177 Peak	End times	Pointing	N27W08		Pitch=-328", Yaw	v=-249", Rol	1=-20deg	H.Ang=26deg
21:08:34 21:10:07 Perkc/s=129 Quai=01 Tot Cts=5062 Rast=30"x30" Step=5" Pitch=-398  BOV=17	al 21:06	21:10	21:14	HaClass=2B	N21E27	AR5569	Mac.=DSO	Carr.Lon.	=266deg	H.Ang=32deg
DOY=178         SMM Pointing:         N27W10         Pitch=-320", Yaw=-271", Roll=-20deg           Peak         HaClass=SN         N21E26         AR5569         Mac.=DSO         Carr.Lon.=266deg           00:12         00:17         Importance=C6         Qual=01         Tot Cts=1019         Maxkev=102         Raxkev=102           D0Y=178         Feak         Code=00         Exp #=91476         Rast=10"x10"         Step=0"         Pitch=-325           D0Y=178         Feak         Code=00         Exp #=91476         Rast=10"x10"x10"         Step=0"         Pitch=-325           D0Y=178         Feak         Feak         Feat         Feat         Feat         Feat           13:40         13:52         Importance=C4         Qual=01         Tot Cts=458         Mac.=EKI         Carr.Lon.=298deg           13:38:28         13:38:44         Peak         Qual=01         Tot Cts=458         Mac.=EKI         Carr.Lon.=298deg           13:38:28         13:38:44         Peak         Qual=01         Tot Cts=458         Mac.=EKI         Carr.Lon.=298deg           13:38:24         Peak         FePeak.c/s=51         Qual=01         Tot Cts=458         Mac.=EKI         Carr.Lon.=266deg           18:39         Importance=C5         Qual=01<	21:06	21:08:34	21:10:07	Peakc/s=129 Wavelength=1375A	Qual=01 Code=00	Tot Cts=5062 Exp #=91462	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-398'	', Yaw=-185"
DOY=178  DOY=178  End times  HaClass=SN N21E26  O0:102  O0:102  O0:09:14 O0:10:27  Mavelength=1375A Code=00  DOY=178  End times  HaClass=SN N27W10  Peak  End times  HaClass=SN N27W10  Poitch=-320", Yaw=-271", Roll=-20deg  Maxkev=102  Maxkev=102  Maxkev=102  Maxkev=102  Raxtev=102  Raxtev=102  Raxtev=103", Roll=-20deg  Raxtev=103", Roll=-20deg  Peak  HaClass=SF N27W14  AR5555  Mac.=EKI  Carr.Lon.=298deg  Maxkev=102  Raxtev=103", Roll=-20deg  Poitch=-326", Yaw=+163", Roll=-20deg  Maxkev=102  Raxtev=103", Roll=-20deg  Poitch=-326", Yaw=+163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxkev=102  Raxtev=103", Roll=-20deg  Poitch=-326  Maxev=163", Roll=-20deg  Maxkev=103", Roll=-20deg  Maxev=163", Roll=-20deg  HaClass=SN N27W14  AR5555  Maxev=163", Yaw=+163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Raxtev=103", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  HaClass=SN N27W14  AR5555  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Raxtev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  HaClass=SN N27W14  AR5555  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-20deg  Maxev=163", Roll=-326",					89/06/2					
00:12	# = 1162/ /27,00:12 Start		times	Pointing	N27W10		Pitch=-320", Yaw	/=-271", Rol	]=-20deg	H.Ang=26deg
00:09:14 00:10:27 Peakc/s=66 Quai=01 Tot Cts=1019 Maxkev=102 Wavelength=1375A Code=00 Exp #=91476 Rast=10"x10" Step=0" Pitch=-325 Wavelength=1375A Code=00 Exp #=91476 Rast=10"x10" Step=0" Pitch=-325 B00*=178 HaClass=SF N27W14 AR5555 Mac.=EKI Carr.Lon.=298deg HaClass=SF N27W14 AR5555 Mac.=EKI Carr.Lon.=298deg Maxkev=102 Maxkev=103", Roll=-20deg HaClass=SF N27W14 AR5555 Mac.=EKI Carr.Lon.=298deg Maxelength=1375A Code=00 Exp #=91503 Rast=265"x265" Step=5" Pitch=-322 B00*=178 HaClass=SN N20E16 AR5569 Mac.=DSO Carr.Lon.=266deg Importance=C5 Quai=03 Quai= 1 FePeak=18:32 Rast=180"x180" Step=10" Cad= 332s Mavelength=1375A Code=00 Exp #=91530 Rast=180"x180" Step=10" Pitch=-345"	اء 00:08			.Class=SN ortance=C6	N21E26	AR5569	Mac.=DSO	Carr.Lon.	=266deg	H.Ang=31deg
DOY=178 End times HaClass=SF N27W14 AR5555 Mac.=EKI Carr.Lon.=298deg 13:38:28 13:52 Importance=C4 Qual=04 Wavelength=1375A Code=00 Exp #=91530 I8:33 I9:15 CaPeak.c/s=199 Qual= 1 FePeak=18:32 FePeak.c/s=30 FePeak.c/s=199 Rast=180"x180" Step=10" Carr.Lon.=298deg Rac.=EKI Carr.Lon.=298deg Rac.=EKI Carr.Lon.=298deg Rac.=EKI Carr.Lon.=298deg Rac.=CKI Carr.Lon.=298deg Rac.=CKI Carr.Lon.=298deg Rac.=CKI Carr.Lon.=298deg Qual=01 FePeak Rast=180"x180" Step=10" Ste	00:08:53 00:03	60:00	00:10:27	c/s=66 !length=1375A	Qual=01 Code=00	Tot Cts=1019 Exp #=91476	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-325"	, Yaw=-228"
13:38:28 13:38:44	# = 11628 27,13:40 Start	D0Y=178 Peak	times	Pointing	N18E17		Pitch=-326", Yaw	=+163", Rol	1=-20deg	H.Ang≈23deg
13:38:28 13:38:44 Peakc/s=51 Qual=01 Tot Cts=458 MaxkeV=102  Mavelength=1375A Code=00 Exp #=91503 Rast=265"x265" Step=5" Pitch=-322  D0Y=178  Feak End times  HaClass=SN N20E16 AR5569 Mac.=DS0 Carr.Lon.=266deg  I8:37 18:59 Importance=C5 Qual=03  I8:37 18:59 Qual= 1 FePeak=18:32 FePeak.c/s=30 #Peaks=1 dt= 7.75  Rast=180"x180" Step=10" Cad= 332s  Mavelength=1375A Code=00 Exp #=91530 Rast=10"x10" Step=0" Pitch=-345"	.1 13:35	. =	13:52	HaClass=SF Importance=C4	N27W14	AR5555	Mac.=EKI	Carr. Lon.	=298deg	H. Ang=28deg
DOY=178  Peak End times  HaClass=SN N2OE16 AR5569 Mac.=DSO Carr.Lon.=266deg  18:37 18:59 Importance=C5 Qual=03  18:33 19:15 CaPeak.c/s=199 Qual= 1 FePeak=18:32 FePeak.c/s=30 #Peaks=1 dt= 7.7s  Rast=180"x180" Step=10" Cad= 332s  Mavelength=1375A Code=O0 Exp #=91530 Rast=10"x10" Step=0" Pitch=-345"	13:37:18 13:39	13	13:38:44	Peakc/s=51 Wavelength=1375A	Qual=01 Code=00	Tot Cts=458 Exp #=91503	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-322"	, Yaw=+17
18:17 18:37 18:59 importance=C5 qual=D3	# = 23015 '27,18:37 Start	D0Y=178 Peak	· ·	İ	NOUETE	ABEEGO	000			
	18:1	നസ	:59		Qual=03	AK3303 Febest=18:32	Hac:=D30		ŕ	H.Ang=23deg
	18:35	<b>)</b>	<b>)</b>	⋖	Code=00	Exp #=91530	Rast=180"x180" Rast=10"x10"		<pre>at= /./s Cad= 332s Pitch=-345"</pre>	XEN=91/800 1.024s/pixel ',Yaw=+128"

Event # = 2301( 89/06/27,20:04	6 1 DOY=178 Deak	t pod							
Optical			HaClass=SF	N20E15	AR5569	Mac.=DS0	Carr.Lon.=266deg		H.Ang=23deg
GOES BCS 20:04	20:04	20:06	CaPeak.c/s=32	Qual= 1	FePeak=20:04	FePeak.c/s=9 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s XI Cad= 262s 1	XEN=917801 1.024s/pixel
FCS UVSP 19:52			Wavelength=1375A		Exp #=91537	Rast=30"x30"	Step=5"	Pitch=-346"	, Yaw=+118"
Event # = 11630 89/06/27,21:56	30 5 DOY=178	+	SMM Pointing:	N18E13		Pitch=-306", Yaw	, Yaw=+100", Roll=-20deg	1=-20deg	H.Ang=20deg
Start GOES HXRBS 21:55:5 UVSP 22:12	21:55:50 21:56:01 21:56:17 22:12	n	Peakc/s=162 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=454 Exp #=91544	MaxkeV=144 Rast=180"x1"	Flags=FS Step=0"	Pitch=-170"	',Yaw=+24"
•	ency(MHz)/F 5 10 21:55:32		606/660 A Peakc/s=87	sociated Qual=01	Event # = 11629 Tot Cts=520		1 1	1	1 1 1 1
				89/06/28	D0Y=179				
Event # = 23017 89/06/28,05:40 Start Optical	17 0 DOY=179 Peak	End times	HaClass=SF	N21E09	AR5569	Mac.=DAI	Carr.Lon.	=267deg	H.Ang≕20deg
GOES BCS 05:37 FCS 04:53	05:40	05:48	CaPeak.c/s=25 Wavelength=2788A	Qual=00 Qual= 1	FePeak=05:39 Exp #=91553	FePeak.c/s=15 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 332s 1 Pitch=-150",	XEN=917900 1.024s/pixel ",Yaw=-30"
Event # = 11631 89/06/28.06:41	31 1 D0Y=179		SMM Pointing:	N18E08	And a second library of the second library o	Pitch=-279", Yaw	, Yaw=+27", Roll=-20deg	=-20deg	H.Ang=17deg
Start Optical	Peak	End times	HaClass=SF	N19W77	AR5544	Mac.=AXX	Carr.Lon.=352deg	.=352deg	H.Ang=77deg
GOES HXRBS 06:41: UVSP 06:43 Radio Frequ	06:41:00 06:41:13 06:41:34 06:43 Frequency(MHz)/Flux(sfu):	3 06:41:34 Flux(sfu):	Peakc/s=51 Wavelength=2788A 245/40 410/200 60	Qual=UU Qual=O1 Tot C A 606/110 1415/15	Tot Cts=363 Exp #=91556 15/15 2695/11	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=-272"	", Yaw=+39"
Event # = 11633 89/06/28,11:57	33 17 DOY=179		SMM Pointing:	N18E05		Pitch=-264", Yaw	, Yaw=-11", Roll=-20deg	1=-20deg	H.Ang=16deg
Start Optical	Peak	End times	HaClass=SF	N21E08	AR5569	Mac.=DAI	Carr.Lon.	.=264deg	H.Ang=20deg
GOES HXRBS 11:57: BCS 11:57 FCS 11:19 UVSP 11:19	11:57:39 11:57:43 11:57 11:57 11:19	11:58:06 12:04	Peakc/s=41 CaPeak.c/s=20 ₩avelength=1375A	Qual=05 Qual=01 Qual= 5 A	Tot Cts=104 FePeak=11:57 Exp #=91562	Maxkev=102 FePeak.c/s=8 Rast=180"x180" Rast=70"x70"	#Peaks=1 Step=10" Step=5"	dt= 7.7s X Cad= 332s 1 Pitch=-306",	XEN=917901 1.024s/pixel ", Yaw=-95"
Event # = 11632 89/06/28,16:45	532 15 DOY=179		SMM Pointing:	N18E03	The state of the s	Pitch=-250", Ya	, Yaw=-46", Roll=	]=-20deg	H.Ang=16deg
Start Optical	Peak	End times	s HaClass=SN	N29W29	AR5555	Mac.=EKI	Carr.Lon	Carr.Lon.=298deg	H.Ang=38deg
GOES HXRBS 16:43 UVSP 16:44	:40 16:45:(	16:43:40 16:45:05 16:46:11 16:44	Peakc/s=47 Wavelength=2788A	Qual=02 Qual=02 A	Tot Cts=713 Exp #=91568	MaxkeV=102 Rast=180"x1"	Flags=SA Step=0"		Pitch=-113", Yaw=-123"

09/00/28,1/:40	D0Y=179		SMM Pointing:	N18E02		Pitch=-244", Yaw=-59", Roll=-20deg	w=-59",Roll=	-20dea	H. Ang=15deg
ptical Optical	17.40	g :	HaClass=SF	\$19W43	AR5552	Mac.=DSO	Carr.Lon.=312deg	312deq	H.Ang=47deg
XRBS	17:38:38	17:39:05	<pre>Importance=CZ Peakc/s=47 Wavelength=2788A</pre>	Qual=01 Qual=01 Code=01	Tot Cts=359 Exp #=91569	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-112",	", Yaw=-127"
Event # = 11635 89/06/28,17:48 Start	DOY=179 Peak	End times	SMM Pointing:	N18E02		Pitch=-244", Ya	, Yaw=-59", Roll=-20deg	-20deg	H.Ang=15deg
17:45	17:48		HaClass=SF Importance=C3	N27W29 0ual=03	AR5555	Mac.=EKI	Carr.Lon.=298deg	298deg	H.Ang=37deg
RBS 17:45: SP 18:16	17:45:48	17:46:17	Peakc/s=52 Wavelength=2788A	Qual=01	Tot Cts=447 Exp #=91570	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-109",Yaw=-135	", Yaw=-135"
Event # = 11636 89/06/28,18:22 Start	DOY=179 Peak	Fnd times	SMM Pointing:	N18E02		Pitch=-244", Yaw	, Yaw=-59", Roll=-20deg	-20deg	H.Ang=15deg
otical DES 18:05	18:22	8:59	Class=SN	N20E03	AR5569	Mac.=DAI	Carr.Lon.=266deg	266deg	H.Ang=18deg
HXRBS 18:19:27 BCS 18:56 FCs	18:19:48 18:57	18:24:26 19:57	Peakc/s=185 CaPeak.c/s=108	Qual=04 Qual= 5	Tot Cts=9834 FePeak=19:00	MaxkeV=102 FePeak.c/s=8	Flags=EN #Peaks=1	4 dt= 3.8s	XEN=917903
SP 18:16 dio Frequency(MHz)	:y (MHz) /F1	/Flux(sfu):	Peak3c/s=-1 Wavelength=2788A Code=00 Exp# 1415/4200 2695/3700 4995/4400 8	Code=00 '00 4995/	=91570 800/290	154	Step=15" Step=0"	Cad= 262s	1.024s/pixel ,Yaw=-135"
76311 - # +==				89/06/29	9 DOY=180				
9/06/29,03:29 Start	D0Y=180 Peak	End times	SMM Pointing:	N18W03		Pitch=-219", Yaw	, Yaw=-133", Roll=-20deg	20deg	H.Ang=16deg
03:00	<u></u>	}		N28W28 0ual=03	AR5555	Mac.=EKO	Carr.Lon.=292deg	292deg	H.Ang≈37deg
02:54:23 04:52	02:54:50 04:53	02:55:01 05:00	Peakc/s=46 CaPeak.c/s=42	Qual=01 Qual= 1	Tot Cts=231 FePeak=04:53	MaxkeV=102 FePeak.c/s=13		lt= 3.8s	XEN=918000
rts UVSP 03:31 Radio Frequenc	03:31 Frequency(MHz)/Flux(sfu)	ux(sfu):	Wavelength=2788A Code=02 245/84 410/24 606/27	Code=02 /27	Exp #=91608	Rast=180"x180" Rast=180"x1"	Step=10" C Step=0" P	Cad= 332s Pitch=-82",	1.024s/pixel Yaw=-210"
# = 11639 /29,21:27 Start	D0Y=180 Peak	End times	SMM Pointing:	N21W15		Pitch=-193", Yaw	, Yaw=-318", Roll=-20deg	20deg	H.Ang=23deg
tica] ES 21:03	21:27		HaClass=2B	N28W44	AR5555	Mac.=EKO	Carr.Lon.=298deg	98deg	H.Ang≖49deg
HXRBS 21:09:44 21:12:14 21:47:25 GRS 21:10:00 21:17:00 UVSP 21:03 Type/Intensity:	2]:12:14 ;		kc/s=2009 elength=2788A	Qual=02 Code=01	Tot Cts=6.70E+5 Exp #=91679	<pre>-5 MaxkeV=859 Rast=180"x1"</pre>	Flags=M5,I,SN Step=O"Pit	SN 'itch=-59",	,SN Dur=420sec Pitch=-59",Yaw=-387"
dio Frequenc	y(MHZ)/F1L		245/3890 410/89 6	06/97 14:	15/310 2695/770	73890 410/89 606/97 1415/310 2695/770 4995/1100 8800/690 15400/400	90 15400/400		

		1	1				ŀ					1	٠		
H.Ang=23deg	H.Ang=49deg	, Үаw=-395"	H.Ang=25deg	, Yaw=-442"	H.Ang≕27deg	Pitch=-157", Yaw=-387"	H.Ang=29deg	Pitch=-162", Yaw=-428"	H.Ang=29deg	2", Yaw=-428"	H.Ang≈29deg	2", Yaw=-428"	H.Ang=29deg	H.Ang=28deg	., Yaw=-428"
, Roll≖-20deg	=298deg	Pitch=-56"	, Roll=-20deg	Pitch=-40"	, Roll=-20deg		, Roll=-20deg	Pitch≖-16	11=-20deg	Pitch=-162",	,Roll=-20deg	Pitch≖-162"	, Roll≖-20deg	Carr.Lon.=268deg	Pitch=-162"
,Yaw=-318",Rol	Carr.Lon.=298deg	Step=0"	, Yaw=-367", Rol	Step=0"	, Yaw≖-389", Rol	Flags=EN Step=5"	aw≖-435", Ro	Step=5"	, Yaw=-435", Roll=-20deg	Step=5"	, Yaw=-435", Ro	Step=5"	, Yaw=-435", Ro	Carr.Lon	Step=5"
Pitch=-193",Ya	Mac.=EKO	MaxkeV=102 Rast=180"x1"	Pitch=-175", Ya	MaxkeV=102 Rast=180"x1"	Pitch=-168", Ya	57882 MaxkeV=231 693 Rast=265"x265" 8800/200 15400/120	Pitch=-151", Yaw≖-435"	MaxkeV=102 Rast=30"x30"	Pitch=-151",Y	MaxkeV=102 Rast=30"x30"	Pitch=-151",Y	MaxkeV=102 Rast=30"x30"	Pitch=-151",Y	Mac.=EAI	MaxkeV=102 Rast=30"x30" AaxkeV=102
	AR5555	Tot Cts=161 P Exp #=91680 F	D0Y=181	Tot Cts=325 P Exp #=91688		Tot Cts=57882 Exp #=91693 4995/450 8800/200		Tot Cts=83 Exp #=91704		Tot Cts=100 Exp #=91704		Tot Cts=140 Exp #=91704		AR5569	Tot Cts=2515 Exp #=91704 Event # = 11647 Tot Cts=1183
N21W15	N27W45	Qual=00 Qual=01	89/06/30 N21419	Qual=00 Qual=01	N21W20	Qual=00 Qual=03 :695/620	N21W24	Qual=00 Qual=01	N21W24	Qual≖00 Qual=01	N21W24	Qual=00 Qual=01	N21W24	N20W23	Qual=03 Qual=01 Code=01 Sociated Qual=01
SMM Pointing:	Code=LPS	Peakc/s=56 Wavelength=2788A	OMM Dointing.	ه جد	SMM Pointing:	Peakc/s=173 Wavelength=1375A 11/2 245/43 1415/350 2	SMM Pointing:	Peakc/s=52 Wavelength=1375A	SMM Pointing:	Peakc/s=48 Wavelength=1375A	SMM Pointing:	Peakc/s=54 Wavelength=1375A	SMM Pointing:	HaClass=SF	Importance=Co Peakc/s=136 Wavelength=1375A As Peakc/s=79
	End times	22:03:00		End times 04:04:03	Fnd times	<b>~</b> · · · ·		Peak End times 13:19:40 13:19:44	.,	End times 2 13:21:34		13:2		End times	13:37 13:40 13:30:24 13:33:12 13:35:19 13:36:12
D0Y=180	Peak	22:02:44	101-700	Peak 04:03:47	D0Y=181	7:11:05 07:24:13 07:28:09 8:03	D0Y=181		D0Y=181	reak 5 13:21:22	) DOY=181	reak 5 13:22:10	5 DOY=181	Реак	
Event # = 11640 89/06/29,22:02	Start	22:02:40 22:03	# = 11641	30,04:03 Start 04:03:09 04:13	Event # = 11642 89/06/30,07:24	n 003	#-∞	Start 13:19:29 13:18	Event # = 11644 89/06/30,13:21	Start 13:21:16 13:18	Event # = 11645 89/06/30,13:22	start 13:22:06 13:18	Event # = 11646 89/06/30,13:37	Start al	13:29 13:29:55 13:18 
Event 89/06/	Optica	GOES HXRBS UVSP	Event	60ES HXRBS UVSP	Event 89/06/	GOES HXRBS UVSP Radio Radio	Event 89/06,	GOES HXRBS UVSP	Event 89/06	GOES HXRBS UVSP	Event 89/06	GOES HXRBS UVSP	Event 89/06	Optic	GOES HXRBS UVSP TXBS

HaClass=>F NIBMZ3 Importance=C7 Qual=03 PeakC/S=91 Qual=01 Wavelength=1375A Code=00
Pointing: N20W25
Importance=m3 Qual=04 Peakc/s=3750 Qual=02
/s=2021 Qual= 1
Mavelength=1375A Code=00 Exp #=91711 Rast=30"x180" Step=10" Cad 245/110 410/220 606/150 1415/2800 2695/230 4995/260 8800/190 15400/330 Associated Event # = 23020
/s=58 Qual= 5
Pointing: N21W25
HaClass=SN N21W22 Importance=C3 Oual=O3
Qual=11 5A
Associated Event c/s=50 Qual=01 Tot C
Pointing: N2OW26
.Class=SF N18W25 ortance=C4 Oual=Ol
0ual=01 5A Code=02
Associated Event # = 11651 c/s=42 Qual=01 Tot Cts*249 length=1375A Exp #=91719
Pointing: N2OW26
s=SN N19W24 e=M2 0ual=03
c/s=656 Qual=03 length=1375A Code=00 //100 8800/120 15400/72

HaClass=SF N21W36 AR5569 Mac.=EAI Carr.Lon.=26bdeg H.Ang=39deg  CaPeak.c/s=21 Qual=00  CaPeak.c/s=21 Qual=01  Exp #=91780 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  Wavelength=1375A Exp #=91780 Rast=30"x30" Step=5" Pitch=-63", Yaw=-616"  Importance=C2 Qual=01  CaPeak.c/s=51 Qual=01  CaPeak.c/s=51 Qual=01  FePeak.c/s=13 #Peaks=1 dt= 3.8s XEN=918202  Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  MaxkeV=102  Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel  Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
6ual= 5 FePeak=15:38 FePeak.c/s=6 #Peaks=1 Rast=240"x240" Step=15" Rast=30"x30" Step=5" N22W42 Pitch=-108", Yaw=-660", Roll Qual=01 Tot Cts=104 MaxkeV=102  #Peaks=1 Qual= 1 FePeak=22:47 FePeak.c/s=13 #Peaks=1 Rast=240"x240" Step=15" 5A Code=00 Exp #=91815 Rast=30"x30" Step=5"
N22W42  Qual=01  Qual=01  Qual=01  Tot Cts=104  MaxkeV=102  Qual= 1 FePeak=22:47  FePeak.c/s=13 #Peaks=1 dt= 3.8s  Rast=240"x240" Step=15" Cad= 262s  SA Code=00 Exp #=91815  Rast=30"x30" Step=5" Pitch=-104
Qual=01 Tot Cts=104 MaxkeV=102 #Peaks=1 dt= 3.8s Qual= 1 FePeak=22:47 FePeak.c/s=13 #Peaks=1 dt= 3.8s Rast=240"x240" Step=15" Cad= 262s A Code=00 Exp #=91815 Rast=30"x30" Step=5" Pitch=-104

				89/07/02	12 DOY=183				
Event # = 11656 89/07/02 00:17			NAN DOLLAR	CALCON					
Start	Peak	End times	SMM POINTEING:	NZ3W43		Pitch=-608",Ya	, Yaw=+310", Rol	, Roll=88deg	H.Ang=46deg
Optical GOES 00:10	00:1	.58	HaClass=SF Importance=C4	N26E85	AR5575	Mac.≖HSX	Carr.Lon.=141deg	=141deg	H.Ang=84deg
HXRBS 00:11:11 UVSP 00:15	1 00:12:09	00:13:46	Peakc/s=59 Wavelength=1375A		Tot Cts=1579 Exp #=91822	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-559"	", Yaw=+275"
Event # = 23025 89/07/02,08:17 Start	5 DOY=183 Peak	Fnd + impe							
Optical GOFS			HaClass=SN	N21W44	AR5569	Mac.=EAI	Carr.Lon.	=265deg	H.Ang=46deg
BCS 08:17	08:17	08:22	CaPeak.c/s=34	Qual=05	FePeak=08:17	FePeak.c/s=12		dt= 7.7s	XEN=918300
UVSP 08:43			Wavelength=2788A		Exp #=91846	Kast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+43"	1.024s/pixel ',Yaw=-532"
Event # = 23026 89/07/02,11:36 Start Optical	6 DOY=183 Peak	End times	HaClass=SF	N20W50	AR5569	Mac.=EAI	Carr. Lon.	=269dea	H. Ann=52den
60ES BCS 11:36	11:36	11:38	CaPeak.c/s=19	Qua]=00 Qua]= 4	FePeak=11:36	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=918301
11:4			Wavelength=2788A		Exp #=91850	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+48"	1.024s/pixel , Yaw=-548"
Event # = 2302, 89/07/02,11:45 Start	7 00Y=183 Peak	End times							
Optical GOES 11:41	11:45	11:48	HaClass=SF Importance=C2	N20W50 Qual=01	AR5569	Mac.=EAI	Carr.Lon.	=269deg	H.Ang=52deg
ECS 11:43 FCS 11:43	11:45	11:48	CaPeak.c/s=46	Qual= 1		FePeak.c/s=10 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 262s	XEN=918302 1.024s/pixel
61.11			#ave leily Lii=∠/ooA	70= <b>a</b> bon	Exp #=91850	Kast=180"x1"	Step=0"	Pitch=+48"	, Yaw=-548"
Event # = 11657 89/07/02,23:29 Start	7 D0Y=183 Peak	End times	SMM Pointing:	N23W55		Pitch=-70", Yaw=-	.785"	, Roll=-20deg	H.Ang=56deg
23:24	23:29	3:31	HaClass=SF Importance=C3	N21E69 Oual=01	AR5575	Mac.=HSX	Carr.Lon.=144deg	-144deg	H.Ang=69deg
HXRBS 23:25:26 UVSP 23:28	5 23:26:04	23:27:12	Peakc/s=73 Wavelength=1375A	Qual=01 Code=00	Tot Cts=736 Exp #=91868	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-34",	, Үам=-788"
Fvent # = 11659				89/07/03	3 D0Y=184				
89/07/03,01:40 Start	DOY=184 Peak	Fnd times	SMM Pointing:	N22W56		Pitch=-736",Yaw	,Yaw≖+308",Roll	, Roll=88deg	H. Ang=58deg
Optical GOES 01:34	01:40		HaClass=SF	S14E44	AR5574	Mac.=DSO	Carr.Lon.=168deg	168deg	H.Ang=47deg
HXRBS 01:35:28 GRS 01:35:00	$\sim$	01:36:48	Peakc/s=1725	Qual=01	Tot Cts=14503	MaxkeV=419	Flags=M5, F	FS	
)1:31 Freq	i. '		length=1375 32 1415/110	A Code=00 2695/130 4	Exp #=91879 Rast=30"x30" 4995/130 8800/170 15400/140	Rast=30"x30" 0 15400/140	Step=5"	Ditch=-850",Yaw=+400"	uur=busec ',Yaw=+400"
BS 01:	01:39:40	'	Peakc/s=73	Qual=01	Tot Cts=1298	MaxkeV=144	· · · · · · · · · · · · · · · · · · ·	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

				89/01/04	D0Y=185				
Event # = 11658				90100	1	Di+ch=_825" Yaw=+311"	+311" Roll=88deg	88den	H. Ana=69dea
9/07/04,00:02	DOY=185	4	SMM Pointing:	NZZWDS		וורווסכט יומא	1104' 110	5,500	n
start	Реак	End times	Class=1B	N22E52	AR5575	Mac.=HSX	Carr.Lon.=147deg	47deg	H.Ang=54deg
23:59 23:59:58	00:02 00:00:43	00:13 3 00:03:19	90	Qua!=0! Qual=11	Tot Cts=2.90E+5 MaxkeV=576	MaxkeV=576	Flags=M5,DG		Dur=60sec
GRS 00:00:00 00:01 UVSP 00:03 Radio Frequency(MHz)/Flux(sf	:y (MHz) /!	00:01:00 -lux(sfu):	Wavelength=1375A 245/3400 410/590	code=02 606/370	Exp #=91931 415/130 2695/15	Exp #=91931 Rast=265"x265" Step=5" Pitch=-818", Yaw=+324" 1415/130 2695/150 4995/400 8800/350 15400/700	Step=5" P 350 15400/70	itch=-818"	, Yaw=+324"
Event # = 11661 89/07/04,14:46	D0Y=185		SMM Pointing:	N23W76		Pitch=-39", Yaw=-914"	-914",Roll=-20deg	20deg	H.Ang=75deg
Start	Peak	mes		N24E43	AR5575	Mac.=DAO	Carr.Lon.=148deg	48deg	H.Ang=46deg
GOES 14:42 HXRBS 14:43:19 UVSP 14:45 Radio Frequenc	14:46 14:43:52 cy (MHz)/F	14:49 14:44:36 lux(sfu):	Importance=C4 Peakc/s=294 Wavelength=2788A 8800/57 15400/110	Qual=03 Qual=01 Code=00	Tot Cts=5717 Exp #=91980	MaxkeV=187 Rast=180"x1"	Step=0" P	Pitch=+96",	, Үам=-732"
				89/01/05	5 D0Y=186				
Event # = 23028 89/07/05,05:24 Start	D0Y=186 Peak	End times		\$18F17	AR5572	Mac. = CAO	Carr.Lon.=166deg	bap991	H.Ang≂26deg
Optical GOES 05:18	05:24	05:39	Importance=C2	Qual=05	FePeak=05:34	FePeak.c/s=12		It= 7.7s	
) <b>प</b>	?		Wavelength=2788A		Exp #=92017	Rast=0"x0" Rast=180"x1"	Step=0" C Step=0" P	Cad=1.02s Pitch=+63",	1.024s/p1xe1 ,Yaw=+493"
Event # = 11662 89/07/05.16:48	0		SMM Pointing:	NO3W00		Pitch≈+0",Yaw=-1",Rol]=-20deg	1",Roll=-20c	deg	H.Ang∗Odeg
Start Optical	Peak	nd times	HaClass=1N	N23E32	AR5575	Mac.=DAI	Carr.Lon.=145deg	145deg	H.Ang=37deg
GOES 16:45 HXRBS 16:45:52 UVSP 16:59	16:48 16:45:	17:00 55 16:48:02	Importance=M1 Peakc/s=413 Wavelength=2788A	Qual=03 Qual=02	Tot Cts=10293 Exp #=92032	MaxkeV=275 Rast=180"x1"	Flags=SA Step=0" F	Pitch=-2",	, Yaw=+0"
Event # = 11663 89/07/05,18:28	li .		SMM Pointing:	NO3WOO		Pitch=+0", Yaw=-1", Roll=-20deg	1", Roll=-200	qeg	H.Ang=Odeg
Start GOES 18:23 HXRBS 18:24:26 UVSP 18:33	Peak 18:28 18:25:0	18:32 3 18:25	Importance=C3 Peakc/s=107 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=1103 Exp #=92034	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-2",Yaw=+0"	Yaw≖+0"
Event # = 11664 89/07/05,22:20	D0Y=18	6	SMM Pointing:	N25E27		Pitch=+376", Yaw=+370", Roll=87deg	/=+370", Roll	=87deg	H.Ang≈34deg
Start GOES HXRBS 22:19:29 UVSP 22:20	Pea 22:	ETIU 22:2	Peakc/s=796 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=37105 Exp #=92039	MaxkeV=368 Rast=265"x265"	Flags≖M5 Step=5"	Pitch=+383	Pitch=+383", Yaw=+383"

#= 11667  23:02:53 23:03:41 23:04:34 Peakc/s=59 Qual=01 Tot Bart Peak					89/01/08	36 DOY=187			
Continue	# = 11 /06,23: Start	57 5 D0Y=1 Peak	End time	Pointing	N04W00		Pitch=+0", Yaw	=+0", Roll=-20deg	H.Ang=Odeg
11668   100   12   12   12   12   12   13   13   13	23:02 22:58		23:04	Peakc/s=59 Wavelength≈2788A		Tot	MaxkeV=144 Rast=243"x243	Step=3"	=+7", Yaw=+13"
Name	1711 - # - 1167	0.			3//0/68				
00:46  00:52  00:56    HaClass=SF    S20W09	9/07/07,00:52 Start	D0Y=18 Peak	time		N25E13		Pitch=+179",Y	aw=+354", Roll=87de	
00:48:34 00:48:59 00:50:22 Peakc/s=85 Qual=0i Tot Cts=2183 Maxkey=102  1 = 12570  1 =	1 00:46		99:00	HaClass=SF Importance=C4	S20W09 0ua]=01	AR5572	Mac.=DAI	Carr.Lon.=168de	
12570   1257	XRBS 00:48:3 VSP 00:52	34 00:48:59	00:50:22	Peakc/s=85 Wavelength=1375A	Qual=01 Code=02	Tot Cts=2183 Exp #=92089	MaxkeV=102 Rast=10"x10"		=+165", Yaw=+311"
HaClass=SF   S20W10   AR5572   Hac.=DAI   Carr.Lon.=168deg     HaClass=SF   S20W10   AR5572   Hac.=DAI   Carr.Lon.=168deg     HaClass=SF   HaClass=SF   S20W10   Cars=180"xI   Step=0   Pitch=-251"     HaClass=SF   HaClass=SF   S20W11   AR5572   Hac.=DAI   Step=0   Pitch=-251"     HaClass=SF   S20W11   AR5572   Hac.=DAI   Carr.Lon.=168deg     HaClass=SF   S20W11   AR5572   Hac.=DAI   Carr.Lon.=15deg     Ha.16:59   Ha.17:06   Ha.17:14   Peak   Carr.Lon.=15deg     HaClass=SF   S20W18   Carr.Lon.=15deg   Pitch=-290", Yaw=-212", Roll=-20deg     Ha.16:59   Ha.17:06   Ha.17:14   Havelength=2788A   End times   HaClass=SF   S1W3   HaxkeV=102   Flags=ND   Pitch=-340", Roll=-562", Pitch=-562", Pi	vent # = 1257 9/07/07,03:35 Start	70 00Y=188 Peak	End	SA	N25E12		Pitch=-387", Y	aw=+48", Roll=-20de	
03:34:27 03:37:13 03:37:42 PeakC/5=56 Quai=01 Tot Cts=1210 Maxkev=187 Flags=I Step=0" Pitch=-251" Step=0" Pitch=-251" Step=0" Pitch=-251" Step=0" Pitch=-251" Start Peak End times HaClass=SF SZOWII R5572 Mac.=DAI Carr.Lon.=168deg Importance=03 Quai=01 Tot Cts=982 Maxkev102 Rast=180"x1" Step=0" Pitch=-248"	ers .	03:35		Ha	\$20W10	AR5572	Mac.=DAI	Carr.Lon.=168de	
= 11673  27,04:06		03:37:1	03:37:4	c/s=56 length=2788		Tot Cts=1210 Exp #=92096	MaxkeV=187 Rast=180"x1"		=-251", Yaw=+228"
04:02 04:06 04:10	# = 1167 /07,04:06 Start	Pea Pea	1	j	N25E12		Pitch=-387", Ya	зw=+48", Rol]=-20deç	
04:02:48 04:03:18 04:04:22	and .	04:06	04:10	HaClass=SF Importance=C3	\$20W11	AR5572	Mac.=DAI	Carr.Lon.=168dec	
# 11674   B		8 04:03:18	04:04:22	Peakc/s=66 Wavelength=2788A	Qual=01	Tot Cts=982 Exp #=92097	MaxkeV=102 Rast=180"x1"		248", Yaw=+221"
Start Peak End times HaClass=SF S21W18 AR5572 Mac.=DAI Flags=NS,GB Wavelength=2788A End times S.21W18 AR5572 Mac.=DAI Carr.Lon.=156deg HaClass=SF S21W18 AR5572 Mac.=DAI Carr.Lon.=156deg HaClass=SF S21W18 AR5572 Mac.=DAI Carr.Lon.=156deg HaClass=SF S10W3 Start Peak End times HaClass=SF S10W3 AR5579 Mac.=DAO Carr.Lon.=97deg III.56.57 21:57:17 21:57:36 PeakC/s=53 Qual=OI Tot Cts=360 MaxkeV=102 Flags=ND Wavelength=1375A Code=OO Exp #=92172 Rast=10"x10" Step=O" Pitch=-562", Rest=10"x10"  Yaw=-212", Roll=-20deg III.56.57 21:57:17 21:57:36 PeakC/s=53 Qual=OI Tot Cts=360 MaxkeV=102 Flags=ND Pitch=-562", Rest=10"x10" Step=O" Pitch=-562", Rest=10"x10" Step=O" Pitch=-562", Rest=10"x10" Step=O" Pitch=-562", Rest=10"x10", Yaw=-212", Rest=-212", Rest=-222", Rest=-222", Rest=-222", Rest=-222", Rest=-222", Rest=-222", Rest=-222", Rest=-222", Rest=-2222", Rest=-2222", Rest=-2222", Rest=-2222", Rest=-2222", Rest=-2222", Rest=-22222", Rest=-2222", Rest=-22222", Rest=-22222", Rest=-22222", Rest=-22222", Rest=-22222", Rest=-22222", Rest=-22222", Rest=-22222", Rest=-22222", Rest=-222222", Rest=-22222", Rest=-222222", Rest=-222222", Rest=-222222222222222222222222222222222222	ent # = 1167				89/01/08				
HaClass=SF   S21W18   AR5572   Mac.=DAI   Carr.Lon.=156deg     HaClass=SF   S21W18   AR5572   Mac.=DAI   Carr.Lon.=156deg     HaClass=SF   S21W18   Exp #=92157   Rast=180"x1"   Step=0"   Pitch=-154"     11675   Peak	/07/08,14:17 Start	D0Y=18 Peak	time	Pointing	N25W07		Pitch=-290",Ya	tw=-212", Roll=-20de	
= 11675 3.22:00 D0Y=189 SMM Pointing: S17W33 Pitch=-471",Yaw=-349",Roll=87deg Start Peak End times HaClass=SF S10E37 AR5579 Mac.=DAO Carr.Lon.=97deg 11:56 22:00 22:03 Importance=C1 Qual=O1 Tot Cts=360 MaxkeV=102 Flags=ND F1:57:17 21:57:17 21:57:36 PeakC/S=53 Qual=O1 Tot Cts=360 MaxkeV=102 Flags=ND Havelength=1375A Code=O0 Exp #=92172 Rast=10"x10" Step=0" Pitch=-562"	tical RBS 14:16:5 SP 14:19	9 14:17:06	:17:14		\$21W18 Qual=01	AR5572 Tot Cts=534 Exp #=92157	Mac.=DAI MaxkeV=275 Rast=180"x1"	Carr.Lon.=156deg Flags=NS,GB Step=O" Pitch=	-154"
HaClass=SF S10E37 AR5579 Mac.=DAO Carr.Lon.=97deg 11:56:57 21:57:17 21:57:36 Peakc/s=53 Qual=01 Tot Cts=360 MaxkeV=102 Flags=ND 11:48 Wavelength=1375A Code=00 Exp #=92172 Rast=10"x10" Step=0" Pitch=-562"	= 1167 3,22:00 Start		times	Pointing	S17W33		Pitch=-471", Ya	w=-349", Roll=87deg	
11:56:57 21:57:17 21:57:36 Peakc/s=53 Qual=01 Tot Cts=360 MaxkeV=102 Flags=ND 11:48 Wavelength=1375A Code=00 Exp #=92172 Rast=10"x10" Step=0"	tical ES 21:56	22:00	22:03		\$10E37 0ual=01	AR5579	Mac.=DAO	Carr.Lon.=97deg	H.Ang=39deg
	RBS 21:56:5; SP 21:48	21:57:17	21:57:36	5A	Qual=01 Code=00	Tot Cts=360 Exp #=92172	MaxkeV=102 Rast=10"x10"	0	-562", Yaw=-247"

				00/7/08	00V=100				
Event # = 23030	00,								
09/0//09,01:2/ Start Ontical		End times		S20W35	AR5572	Mac.=DAO	Carr.Lon.=167deg	167dea	H.Ana=42dea
GOES 01:13 BCS 01:51	01:27 01:52	02:00 02:33	Importance=M5 CaPeak.c/s=117	Qual=05 Qual= 5	FePeak=01:54	FePeak.c/s=14	#Peaks=1	SS	XEN=919000
FCS UVSP 01:45			Wavelength=2788A		Exp #=92193	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+359",	1.024s/plxe! ',Yaw=-189"
Event # = 12703 89/07/09,10:23			SMM Pointing:	S17W39		Pitch=+497", Yaw	, Yaw=-431", Roll	, Roll=-20deg	H.Ang=44deg
Start HXRBS 10:23:49 UVSP 09:41	Peak 9 10:23:51	end times 10:23:53	Peakc/s=72 Wavelength=1375A	Qual=01	Tot Cts=59 Exp #=92203	MaxkeV=275 Rast=70"x70"	Flags=NS,GB Step=5" P	ы Ріtch=+545"	', Yaw=-395"
Event # = 11676 89/07/09,13:21	6 D0Y=190		SMM Pointing:	S17W40		Pitch=+500", Yaw	, Yaw=-441", Roll	, Roll=-20deg	H. Ang=45deg
Start Optical		End times	HaClass=SF	N27E28	AR5582	Mac.=BX0	Carr.Lon.=98deg	:98deg	H.Ang=35deg
GUES HXRBS 13:20:53 UVSP 13:28	3 13:21:26	13:22:22	Peakc/s=51 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=585 Exp #=92208	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+382"	', Yaw=-265"
				89/07/10	D0Y=191				
Event # = 11680 89/07/10,21:29	0 DOY=191	10 10 10 10 10 10 10 10 10 10 10 10 10 1	SMM Pointing:	S17W59		Pitch=-758",Yaw	, Yaw=-348", Roll	, Roll=87deg	H.Ang≖62deg
Start GOES HXRBS 21:29:20 UVSP 21:22	reak 0 21:29:43	21:2	Peakc/s≖45 Wavelength≖1375A	Qual=00 Qual=01	Tot Cts=110 Exp #=92273	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-746"	', Yaw=-411"
				89/07/1	1 D0Y=192				
Event # = 11679 89/07/11,06:35	9 D0Y=192	7	SMM Pointing:	S17W62		Pitch=+559", Yaw	, Yaw=-648", Roll	, Roll=-20deg	H.Ang=65deg
Optical	Peak	nd times	HaClass=SF	N24W42	AR5575	Mac.=CSO	Carr.Lon.*145deg	*145deg	H.Ang=45deg
HXRBS 06:32:53 HXRBS 06:32:53 UVSP 07:06	3 06:32:57	06:33:14	importance-ci Peakc/s=42 Wavelength=2788A	Qual=01	Tot Cts=68 Exp #=92301	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+440"	", Yaw=-474"
				89/07/12	2 D0Y=193				
Event # = 11681 89/07/12,21:23	1 DOY=193	00 E:+	SMM Pointing:	S10W19		Pitch=+318", Yaw	, Yaw=-215", Roll	, Roll=-20deg	H.Ang=24deg
GOES HXRBS 21:22:53 UVSP 21:37		21:23:47	Peakc/s=49 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=415 Exp #=92388	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+200"	", Үаw≖-36"
				89/07/1	3 D0Y=194				
Event # = 11682 89/07/13,00:34 Start	2 DOY=194 Peak	End times	SMM Pointing:	S10W21		Pitch=+328", Yaw=-242", Roll=-20deg	r=-242", Roll	]=-20deg	H.Ang=26deg
GOES HXRBS 00:34:37 UVSP 00:42		00:35:	Peakc/s=42 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=102 Exp #=92392	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+208", Yaw=-61	", Yaw=-61"

		89/07/16	6 D0Y=197			
284						
16,17:19 DOY=197 Start Peak End time:	SMM Pointing:	N27E10		Pitch=-389", Ya	, Yaw=+7", Roll=-20deg	H.Ang=24deg
		\$13E71	AR5597	Mac.=HSX	Carr.Lon.=320deg	H.Ang=73deg
HXRBS 17:19:34 17:19:47 17:20:09 UVSP 17:20 Type/Intensity:	Peakc/s=110 Wavelength=1375 V/2	Qual=01	Tot Cts=830 Exp #=92582	MaxkeV=187 Rast=265"x265"	Flags=M5 Step=5" Pitch=-378"	78", Yaw=+12"
		89/07/17	7 DOY=198			
DOY=198 Deak Fnd time	SMM Pointing:	N27E06		Pitch=-369",Ya	, Yaw=-45", Roll=-20deg	H.Ang=23deg
3] 00:00 00:12 00:15		S14E89	AR5597	Mac.=HSX	Carr.Lon.=298deg	H.Ang=90deg
UVSP 00:16 Type/Intensity:	Peakc/s=45 Wavelength=2788A	Qual=01 Qual=01 A Code=02	Tot Cts=405 Exp #=92592	MaxkeV=102 Rast=180"x1"	Flags=I Step=O" Pitch=-232"	32", Yaw=-122"
	Peakc/s=49	Associated Qual=01	Event # = 11685 Tot Cts=332 Event # = 11686	MaxkeV=102	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
HXRBS 00:06:44 00:06:47 00:07:14 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=128 245/110	Qual=01	Tot Cts=957	MaxkeV=144	, , , , , , , , , , , , , , , , , , ,	
Event # = 11687 89/07/17,05:55 DOY=198 Chart Peak End times	SMM Pointing:	N27E02		Pitch=-352", Yaw	, Yaw=-91", Roll=-20deg	H.Ang=23deg
1) 05.48 05.55 06.04	HaClass=SN	S22W55	AR5586	Mac.=CSO	Carr.Lon.=79deg	H.Ang=60deg
HXRBS 05:48:38 05:51:14 05:53:30 UVSP 05:43		Qual=01 Code=00	Tot Cts=16388 Exp #=92600	MaxkeV=231 Rast=10"x10"	Step=0" Pitch=-277	Pitch=-277". Yaw=-116"
<pre>ladio Sweeps</pre>	111/ 245/	415/18 269		8800/110 15400/48	-	
1698		89/07/18	D0Y=199			
89/07/18,06:34 DOY=199	SMM Pointing:	N27W11		Pitch=-286", Yaw	, Yaw=-271", Roll=-20deg	H.Ang≈25deg
06:27 06:34 06:39	HaClass=SN	S13E48	AR5597	Mac.=HAX	Carr.Lon.=322deg	H.Ang=51deg
HXRBS 06:27:42 06:28:33 06:29:37 UVSP 06:22 Badio Eraculancy (MHz) (Flux (eff.))	Peakc/s=67 (Wavelength=1375A (	ual=01	Tot Cts=1370 Exp #=92653	MaxkeV=144 Rast=10"x10"	Step=0" Pitch=-337"	7", Yaw=-261"
06:31:59 06:32:02 06:32:57	A Peakc/s=44	ociated  ual=01	Event # = 11689 Tot Cts=229		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 11692 89/07/18,21:00 D0Y=199 End times	SMM Pointing:	N27W18		Pitch=-251", Yaw	, Yaw=-372", Roll=-20deg	H. Ang=28deg
20:57 21:00 21:02	Ha.	N24E85	AR5601	Mac.=BX0	Carr.Lon.=277deg	H.Ang=84deg
HXRBS 20:57:50 20:58:26 20:58:31 UVSP 20:56	Peakc/s=39 Wavelength=2788A	Qual=01 Code=00	Tot Cts=215 Exp #=92691	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=-255	Pitch=-255",Yaw=-376"
						- Constitution of the Cons

Prich = 11953   100-200   100-201				89/07/19	D0Y=200				
Start   Peak	vent # = 11693 9/07/19,04:03 DOY=200	l		127W22		Pitch233",Yaw	425", Roll	=-20deg	H.Ang=31deg
03:56 04:03 04:02 00 06:04.0	Start Peak End		.Class=SF	124E76	AR5601	Mac.=BX0	Carr.Lon.=	:283deg	H.Ang=75deg
## 11892 ## 2004-200 ## 21.35 ## Pointing: \$21837 ## 21.35 ## Pointing: \$21837 ## 21.35 ## 21	03:59 04:03 04:08 04:00:42 04:01:18 04:02: 03:56 04:03 04:22	30	rtance=C/ c/s=64 ak.c/s=66 length=27884	\ual=03 \ual=01 \ual=1	Tot Cts=1244 FePeak=04:01 Fxn #=92700	MaxkeV=102 FePeak.c/s=12 Rast=0"x0" Rast=180"x1"		_	XEN=920000 1.024s/pixel ",Yaw=-423"
19,21:35   DUF-ZOU   Carr. Lon. = 275deg   Punoring   Strict   Peak   Carr. Lon. = 275deg   Punoring   Strict   Peak   Carr. Lon. = 275deg   Punoring   Strict   Peak   Carr. Lon. = 275deg   Punoring   Strict   Peak   Carr. Cisc   Qual-01   Tot   Cts   Strict   Carr. Lon. = 327deg   Pitch = 180" x1   Step=0"   Pitch = 180" x1   Step=0"   Pitch = 180"	# = 11694	3		201607		wev "101" Vam	-+632" Boll	=-20dea	H. Ano=44dea
21:28 21:35 21:47   Havelength=2784   AR5601   Mace=BXO   Carr.Lon.=Z/Dadeg   Page   P	/19,21:35			021E3/		יונטון דינטן זיומא	, 350 ·	6250	
21:24.55 21:26:27 21:27:20 PeakC/s=67 Qual=01 Tot Cts=1370 Maxev=144 Figgs-1 Pitch=+184", 20:37 PeakC/s=102 Dov=201 Dov=	21:18 21:35 21:		.Class=SF -tance=C7	427E74 Jua]=03		Mac.=8X0	Carr.Lon.	=275deg	H.Ang=/4deg
# = 12572  20,00:10	21:24:55 21:26:27 21:27 20:37		c/s=67 length=2788A	(a) =01	Tot Cts=1370 Exp #=92735	_	Flags=I Step=0"	Pitch=+184'	', Yaw=+633"
20,00:10 20,0:10 20,0:10 20,0:1				89/07/20					
Start Peak End times    Name	vent # = 12572 9/07/20,00:10 DOY=201		Pointing	S21E36		Pitch=+196", Yaw	=+619",Roll	1=-20deg	H.Ang≖43deg
00:00 00:10 00:18 Importance=L1 Qual=01 Tot Cts=1190 Rast=180"x1" Step=0" Pitch=+78", Sweeps Trequency (MHz)/Flux(sfu): 245/630 410/160 606/170	Start Peak		Class=SF	NZOĘZO.	AR5596	Mac.≖DAI	Carr.Lon.	=327deg	H.Ang=25deg
Type/Intensity:   111/3   Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/160 606/170     Frequency (MHz)/Flux(sfu):   245/630 410/16-20deg     Frequency (MHz)/Flux(sfu):   245/630 410/16-	00:00 00:10 00:10:04 00:10:18 23:41	7	ortance=Ul kc/s=102 elength=2788A	Qual=01 Qual=01	Tot Cts=1190 Exp #=92739	MaxkeV=144 Rast=180"x1"	Flags=I Step=0"	Pitch=+78",	, Yaw=+544"
# = 11695 20,11:33 20,11:33 20,11:33 20,11:33 20,11:33 20,11:33 20,11:33 20,11:33 20,11:33 20,11:33 20,11:35 20	Sweeps Freq		/3 /630 410/160 6	06/170					
Start Peak End times    11:01	# = 11695 /20,11:33 DOY=201		1	S21E29		Pitch=+231", Yaw	=+538", Rol	1=-20deg	H.Ang=38deg
11:01	Start Peak End	⊒e s		N24E65	AR5601	Mac.=CRO	Carr.Lon.	=276deg	H.Ang=65deg
# = 8412 20,13:36	11:01 11:33 11:49 11:26:39 11:27:28 11:29 12:15	117	5A	qual=03 Qual=01	Tot Cts=682 Exp #=92755	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+241	", Yaw=+545"
Start Peak End times   Start Peak   Start   Start   Peak   Start   Start   Peak   Start	DOY=201	1		S21E28		Pitch=+235", Yaw	=+528", Rol	]=-20deg	H.Ang=38deg
# = 12573 20,16:57 D0Y=201 SMM Pointing: NO5W00 Pitch=+0",Yaw=+0",Roll=-20deg Start Peak End times HaClass=1N N27E56 AR5601 Mac.=CR0 Carr.Lon.=282deg 11 16:50 16:57 17:25 Importance=C3 Qual=01 Tot Cts=462 MaxkeV=102 Flags=I 16:51:34 16:52:05 Peakc/s=43 Qual=01 Tot Cts=462 MaxkeV=102 Flags=I Pitch=-6",Y	Start Peak 13:36:11 13:36:14 13 13:47		ıkc/s=36 elength=1375A	Qual=01	Tot Cts=57 Exp #=92757	MaxkeV=368 Rast=265"x265"	Flags=NS,	GB Pitch=+245	", Yaw=+534"
Start Peak End times Start Peak End times HaClass=IN N27E56 AR5601 Mac.=CR0 Carr.Lon.=282deg 16:50 16:57 17:25 Importance=C3 Qual=O1 5 16:51:17 16:51:34 16:52:05 Peakc/s=43 Qual=O1 Tot Cts=462 MaxkeV=102 Flags=I 6:38 Wavelength=2788A Code=O1 Exp #=92768 Rast=180"x1" Step=O" Pitch=-6",Y	# = 12573 '20, 16:57 DOY=201	l .	1	NOSWOO		Pitch=+0", Yaw=+	.0", Roll=-2	0deg	H.Ang=Odeg
16:50 16:57 17:25 Importance=t3 Qual=01 Tot Cts=462 MaxkeV=102 Flags=I 5 16:51:17 16:51:34 16:52:05 Peakc/s=43 Qual=01 Tot Cts=462 MaxkeV=102 Flags=I 16:38 Wavelength=2788A Code=01 Exp #=92768 Rast=180"x1" Step=0"	Start Peak End	≡es	Class=1N	N27E56	AR5601	Mac.=CRO	Carr. Lon.	=282deg	H.Ang=58deg
	16:50 16:57 17:23 5 16:51:17 16:51:34 16:55 16:38	05	or.cance=us lkc/s=43 relength=2788A	Qual=01 Code=01	Tot Cts=462 Exp #=92768	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-6",	Yaw=+0"

20:31 20:37 20:37 20:31:59 20:31:59 20:38 20:31:59 20:38 20:38 20:38 20:38 20:38 20:38 20:38 20:36 20:38 20:36 20:38 20:36 20:38 20:36 20:38 20:38 20:36 20:38 20:38 20:36 20:38 20:	: # = 11696 //20,20:31 Start	DOY=201 Peak Fnd +	i mo	SMM Pointing:	\$21E24		Pitch=+256", Yav	, Yaw=+479", Rol	, Roll=-20deg	H.Ang=35deg
20:30 20:38 6 648(5/s-2922 Qual-01 Tot Cts-96124 Maxkev-469 20:30 20:38 6 CaPeak.c/s-1168 Qual-1 FePeak-20:30 Reseas.c/s-409 20:30 20:38 6 CaPeak.c/s-1168 Qual-1 FePeak-20:30 Reseas.c/s-409  Type/Intensity: 1265/210 410/390 606/300 1415/200 605695/170 Step-15 Gad-2653 1.024s/pixel  20:36 20:38 CaPeak.c/s-41 Associated Event # -20:30 Reseas.c/s-7 FeBais.l d= 7.75 XEM-920101  20:36 20:38 CaPeak.c/s-41 Associated Event # -20:30 Reseas.c/s-7 FeBais.l d= 7.75 XEM-920101  20:36 20:38 CaPeak.c/s-41 Associated Event # -20:30 Reseas.c/s-7 FeBais.l d= 7.75 XEM-920101  20:36 20:38 CaPeak.c/s-41 Associated Event # -20:30 Reseas.c/s-7 FeBais.l d= 7.75 XEM-920101  20:36 20:38 CaPeak.c/s-41 Associated Event # -20:30 Reseas.c/s-7 FeBais.l d= 7.75 XEM-920101  20:36 20:38 CaPeak.c/s-41 Associated Event # -20:30 Reseas.c/s-7 FeBais.l d= 7.75 XEM-920101  20:36 20:38 CaPeak.c/s-41 Augustoners		20:31 20:37	5	HaClass=1B Importance=M3	\$16E09	AR5597	Mac.=CA0	Carr.Lon.	=327deg	H.Ang≈23deg
20:30 20:36 CaPeak.c/s-1168 Qual= 1 Fepeak=20:30 Fepek c/cs.444 #peaks=1 dt= 3.88	:55	20:27:38 20:3 20:2	:59	kc/s=292	Qual=01		MaxkeV=469			1200
Type/Intensity: Wavelength=2788A Exp #-92773 Rasi=180"Xii Siep-0" Pitch=138", Waw-404"		0:30 20:3		CaPeak.c/s=1168			FePeak.c/s=447	#Peaks=1	dt= 3.8s	XEN=920100
907-202	01.40	Tvpe/Intens	 	Wavelength=2788A V/2			Rast=180"x1"	Step=0"	rad= 2028 Pitch=+138	1.0245/p1xe; ',Yaw=+404"
20:36 20:38 CaPeak.c/s-41 Qual= 5 FePeak-20:36 FePeak-21 dt= 7.75 XEN-901011  000Y-202  DOY-202  Type/Intensity: 111/3 Peakc/s-51  OS:24:36 GaPeak.c/s-47  OS:24:36 GaPeak.c/s-47  OS:25:47  OS:25:47  OS:26:48  OS:2	nent	(MHz)/Flux(s	 F	245,	606/300 1	415/200 2695/170		90 15400/32	8	
89/07/21         BOV=202         Pitch=+279", Yaw=+424", Roll=-20deg         H.Ang=32deg           003=51:14 03:51:29 Peakc/s=51         Qual=00 Tot Cts=278         MaxkeV=102         MaxkeV=102         HaxkeV=102           7ppe/Intensity: III/3         SHM Pointing: S21E19         Pitch=+283", Yaw=+413", Roll=-20deg         H.Ang=32deg           007-202 Feak         End times         SHM Pointing: S21E19         Pitch=+283", Yaw=+413", Roll=-20deg         H.Ang=32deg           007-202 Feak         End times         SHM Pointing: S21E19         Pitch=+283", Yaw=+413", Roll=-20deg         H.Ang=32deg           05:31 05:40 Importance=13         Qual=01 Tot Cts=387         MaxeV=102         Step=5"         Pitch=+283", Yaw=+443"           06:24:56 Peak         SHM Pointing: S21E19         Pitch=+283", Yaw=+413", Roll=-20deg         H.Ang=32deg           06:24:56 Peak         Havelength=1375A Code=00         Exp #=92785         Rast=70"x70"         Step=5"         Pitch=+283", Yaw=+443"           06:24:56 Peak         Importance=H1 Qual=01         Qual=01 Tot Cts=7560         Pack=20x60"x70"         Step=5"         Pitch=+283", Yaw=+443"           06:54:70 GaPeak.c/s=148         Qual=01 Tot Cts=161         MaxeV=107         And=20x80"         H.Ang=31deg           06:54:70 GaPeak.c/s=10x         Ada=01 Tot Cts=161         MaxeV=102         Anw=+443"	' ' 10	0:36 20:38	· •	CaPe	Ssociated Qual= 5	Event # = 23031 FePeak=20:36	FePeak.c/s=7 Rast=240"x240"	#Peaks=1 Step=15"	1	xEN=920101 1.024s/pixel
DOY-202 Peak         SHM Pointing:         S21E20         Pitch-+279", yaw=+424", Roll=-20deg         H.Ang=32deg           03:51:14 03:51:29 Peak:c/s=51 Vavelength=2788A         Qual=00 Qual=00 Vavelength=2788A         Type/Intensity:         Pitch-+279", yaw=+424", Roll=-20deg         H.Ang=32deg           DOY-202 Feak         End times S13         SHM Pointing:         S21E19         Pitch-+283", yaw=+413", Roll=-20deg         H.Ang=32deg           DOY-202 Feak         End times Avaelength=1375A         Qual=01 Qual=01         Tot Cts=2785 Avaelength=1375A         Maxev=102 Qual=01         Pitch-+283", yaw=+413", Roll=-20deg         H.Ang=32deg           DOY-202 Feak         End times Avaelength=1375A         S21E19         Pitch-+283", yaw=+413", Roll=-20deg         H.Ang=32deg           DOY-202 Feak         End times Avaelength=1375A         S21E19         Pitch-+283", yaw=+413", Roll=-20deg         H.Ang=32deg           DOY-202 Feak         End times Avaelength=1375A         Avaelength=1375A         Qual=01 Out=01         Tot Cts=7650 Feak         Paxev=413", Yaw=+413", Yaw=+433", Yaw=+443"           DOY-202 Feak         End times Avaelength=1375A         Avaelength=1375A         Code=00         Exp #=92785         Rast=70"x20"         Step=5"         Pitch=+289", Yaw=+443"           DOY-202 Feak         End times Avaelength=1375A         S45/530 410/370 Gode=00         Exp #=92786         Rast=70					89/07/2					
Type/Intensity:   111/3   Peakc/s=45   Qual=01   Type/Intensity:   Type/Intensi	51	End	imes	Pointing	S21E20		Pitch=+279",Yaw	=+424", Roll	=-20deg	H.Ang=32deg
DOY=202 End times  SMM Pointing: S21E19  Pitch=+283", Yaw=+413", Roll=-20deg H.Ang=32deg  DOY=202  SMM Pointing: S21E19  DOY=202  SMM Pointing: S21E19  DOY=202  SMM Pointing: S21E19  DOY=202  SMM Pointing: S21E19  DOY=202  SMM Pointing: S21E19  DOY=202  SMM Pointing: S21E19  DOY=202  SMM Pointing: S21E19  DOY=202  SMM Pointing: S21E19  DOY=202  DOY=202  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=102  Maxev=103  Maxev=1		03:51:14 03:51 Type/Intensi	6	Peakc/s=51 Wavelength=2788A III/3	Qual=00 Qual=01	Tot Cts=272 Exp #=92783	MaxkeV=102 Rast=243"x243"	Step=3"	Pitch=+287"	, Yaw=+436"
Peak	698 31	D0Y=202		SMM Pointing:	S21E19		Pitch=+283", Yaw	=+413", Roll	=-20deg	H. Ang=32deg
DOY=202  End times  HaClass=1B  Haxev=187  Haxev=102  Haxev=103  Haxev=1	:51	75:31 05:4005:24:16 05:2	58 58	Importance=C3 Peakc/s=47 Wavelength=1375A	Qual=01 Qual=01 Code=00	Cts=387 #=92785	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=+293"	,Yaw=+443"
05:49 05:53	700 49	DOY=202		Pointing	S21E19		Pitch=+283", Yaw	=+413", Roll	=-20deg	H.Ang=32deg
30 05:44:45 05:47:33		05.40 05.53	S E		S15E08		Mac.=DAI	Carr.Lon.=	323deg	H.Ang=21deg
Type/Intensity: III/3		44:45 05:47: 47 05:55	33		Qual=01 Qual= 1		MaxkeV=187 FePeak.c/s=76		dt= 3.8s	XEN=920200
lency(MHz)/Flux(sfu): 145/530 410/370 606/170 1415/43 2695/68 4995/78 8800/51 15400/38  25 05:38:37 05:38:47 Peakc/s=47 Qual=01 Tot Cts=161 Maxkev=102  0 D0Y=202 End times  10:20 10:40 Importance=C3 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102  41 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 Maxkev=102		Tyne/Intensity		Wavelength=1375A	Code=00		Rast=240"x240" Rast=70"x70"		Cad= 262s Pitch=+293"	1.024s/pixel ,Yaw=+443"
25 05:38:37 05:38:47 Peakc/s=47 Qual=01 Tot Cts=161 MaxkeV=102  01	neu	.y(MHz)/Flux(sfu)		245/530 410/370 6	06/170 14	15/43 2695/68 49	95/78 8800/51 1	5400/38		
DOY=202 SMM Pointing: S21E17 Pitch=+297", Yaw=+378", Roll=-20deg Peak End times 10:20 10:40 Importance=C3 Qual=01 Tot Cts=313 MaxkeV=102 10:15:50 10:16:31 Peakc/s=49 Qual=01 Tot Cts=313 RaxkeV=102 Wavelength=1375A Code=00 Exp #=92791 Rast=70"x70" Step=5" Pitch=+306"	:25	:38:37 05:38:	. 74	ea'	Socrated Qual=01	Event # = 11699 Tot Cts=161	MaxkeV=102	1 1 1		•
10:20	701 20	i		Pointing:	\$21E17		Pitch=+297", Yaw	*+378", Roll:		H.Ang=31deg
	:41	_	_	rtance≖C3 c/s=49 length=1375A	Qual=01 Qual=01 Code=00	Cts=313 #=92791	MaxkeV=102 Rast=70"x70"		Pitch=+306"	, Yaw=+438"

				80/07/22	DAY=203				
Event # = 11704				107.07.EE		101 "01-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	-+380" Boll=_20		H. Ann=42den
722,03:20	DOY=203	Fnd +imes	SMM Pointing:	NZDESØ		רונטוי-טטט יומאן	1 - 1 DN 1 DDC 1		5) 5) 5)
Start al	רמא.			\$33W00	AR5606	Mac.=BX0	Carr.Lon.=319deg		H.Ang=38deg
GOES 03:05 HXRBS 03:15:44 UVSP 03:30	03:20 03:16:14	03:26 03:16:47	Importance=C4 Peakc/s=43 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=186 Exp #=92825	MaxkeV=102 Rast=180"x1"	Step=0" Pit	Pitch=-364",	, Yaw=+307"
Event # = 11702 89/07/22,05:53 Start	D0Y=203 Peak	End times	SMM Pointing:	N25E37	man a man a	Pitch=-496", Yaw=+370", Roll=-20deg	=+370",Roll=-2		H.Ang=41deg
GOES HXRBS 05:52:48 UVSP 05:50	05:53:00	05:53:10	Peakc/s=43 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=124 Exp #=92828	MaxkeV=102 Rast=243"x243"	Step=3" Pit	.ch=-485",	Pitch=-485",Yaw=+376"
Event # = 11703 89/07/22,06:06	D0Y=203		SMM Pointing:	N25E37		Pitch=-496", Yaw	, Yaw=+370", Roll=-20deg		H.Ang=41deg
Start	Peak	End times		\$10W07	AR5597	Mac.=DAI	Carr.Lon.=325deg		H.Ang=17deg
06:02 06:02:39 05:50	06:06 06:03:08	06:12 06:03:31	Importance=C3 Peakc/s=35 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=191 Exp #=92828	MaxkeV=102 Rast=243"x243"	Step=3" Pit	ch=-485",	Pitch=-485",Yaw=+376"
Event # = 11705 89/07/22,16:47	D0Y=203		SMM Pointing:	S13W09		Pitch=+322", Yaw	, Yaw=-34", Roll=-20deg		H.Ang=20deg
Start Optical	Peak	nd times	HaClass=SF	\$21E68	AR5608	Mac.=DAI	Carr.Lon.=244deg		H.Ang=72deg
GOES 16:44 HXRBS 16:44:32 UVSP 16:22	16:4 <i>7</i> 16:45:26	16:49 16:45:38	Importance=tz Peakc/s=39 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=211 Exp #=92841	MaxkeV=102 Rast=180"x1"	Step=0" Pit	Pitch=+201",Yaw=+152	, Yaw=+152"
Event # = 11706 89/07/22,18:45	D0Y=203		SMM Pointing:	S13W10		Pitch=+327", Yaw	, Yaw=-48", Roll=-20deg		H.Ang=20deg
Start Optical	Peak	End times	H.	S17E74	AR5608	Mac.=DAI	Carr.Lon.=237deg		H.Ang=76deg
GOES 18:41 HXRBS 18:42:38 UVSP 18:54 Radio Sweeps	18:45 18:49 18:43:04 18:44 Type/Intens	18:49 . 18:43:20 ntensity:	Importance=CZ Peakc/s=52 Wavelength=2788A V/2	Qual=01 Qual=01 Code=02	Tot Cts=393 Exp #=92844	MaxkeV=102 Rast=180"xl"	Step=0" Pit	Pitch=+209"	, Yaw=+130"
t # = 2 7/22,20 Star sal	D0Y=203 Peak	End times		\$13W12	AR5597	Mac.=DAI	Carr.Lon.=322deg	2deg	H.Ang≂22deg
GOES 20:45 BCS 21:10 FCS 21:15 UVSP 21:15	20:59 21:11	21:07 21:16	Importance=C2 CaPeak.c/s=23 Wavelength=1375A	Qual=05 Qual= 4	FePeak=21:11 Exp #=92855	FePeak.c/s=5 Rast=0"x0" Rast=265"x265"	#Peaks=1 dt= Step=0" Cac Step=5" Pil	dt= 7.7s X Cad=1.02s 1 Pitch=+343",	XEN=920300 1.024s/pixe1 , Yaw=-61"
					A PRINCE OF THE				

				89/07/24	14 DOY=205				
Event # = 11707 89/07/24,10:30 Start	17   DOY=205   Deat		SMM Pointing:	S32W27		Pitch=+652", Ya	, Yaw=-149", Roll:	, Roll=-20deg	H.Ang=45deg
GOES HXRBS 10:30:31 UVSP 10:15	10:30:4	7 10:	Peakc/s=43 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=117 Exp #=92919	MaxkeV=102 Rast=70"x70"	Step=5"	_ Pitch=+561"	., Yaw=-197"
Event # = 11708 89/07/24,17:59 Start	8 D0Y=205 Peak	End times	SMM Pointing:	S13W38	Market and the second s	Pitch=+451", Yaw=-440"	/=-440", Roll=	, Roll=-20deg	H.Ang=42deg
GOES HXRBS 17:58:2 UVSP 18:05	4 17:59:02	17:5	Peakc/s=42 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=207 Exp #=92929	MaxkeV=102 Rast=265"x265"	Step=5" F	Pitch=+463"	", Yaw=-428"
Event # = 11709 89/07/24,21:33 Start	9 D0Y=205 Peak	End times	SMM Pointing:	S13W40		Pitch=+460", Yaw	, Yaw=-460", Roll=	, Roll=-20deg	H.Ang=43deg
GOES HXRBS 21:33:13 UVSP 21:02	3 21:33:20	21:3	Peakc/s=45 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=111 Exp #=92941	MaxkeV=102 Rast=70"x70"	Step=5" P	oitch=+490"	Pitch=+490", Yaw=-450"
11711				89/07/2	5 DOY=206				
89/07/25,00:37 Start	DOY=206 Peak	Fnd times	SMM Pointing:	S13W42		Pitch=+466", Yaw=-481", Roll=-20deg	=-481", Roll=	20deg	H.Ang=45deg
GOES 00:25 HXRBS 00:29:56 UVSP 00:48	00:37 5 00:30:20	00:49 00:32:56	Importance≖C7 Peakc/s=45 Wavelength≖2788A	Qual=03 Qual=01	Tot Cts=1002 Exp #=92945	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=+347"	, Yaw=-300"
Event # = 12574 89/07/25,02:06 Start	t D0Y=206 Peak	End times	SMM Pointing:	S13W42		Pitch=+469", Yaw	, Yaw≖-491", Roll=-20deg		H.Ang=46deg
Optical GOES 02:01	02:06	02:09	HaClass=SF Importance=C3	N30W81	AR5603	Mac.=DAO	Carr.Lon.=1deg		H.Ang=80deg
)2:02 )1:21	05:02	02:03:25	c/s=81 length=278	(ual=01	Tot Exp	MaxkeV=144 Rast=180"x1"	Flags=I Step=0" P	Pitch=+348"	Yaw=-304"
HXRBS 02:04:45	02:05:02	02:05:32	Peakc/s=41	sociate Qual=01	d Event # = 12575 Tot Cts=255	MaxkeV=102			
Event # = 11711 89/07/25,04:56 Start	D0Y=206 Peak	Fnd times	SMM Pointing:	S13W44		Pitch=+474", Yaw=-511", Roll=-20deg	511", Roll=.		H. Ang=47deg
GOES 04:52 HXRBS 04:53:06 UVSP 04:48	04:56 04:53:19	04:58 04:54:50	Importance=C3 Peakc/s=231 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=5112 Exp #=92951	MaxkeV=231 Rast=243"x243"	Step=3" P	Pitch=+481",	, Yaw=-498"
Event # = 11712 89/07/25,06:26 Start	D0Y=206	Fnd +imes	SMM Pointing:	S13W45		Pitch=+477", Yaw=	,Yaw=-521",Roll=-20deg		H.Ang=48deg
Optical GOES 06:21	06:26	06:32	Class=1F tance=C2	N23W00 Oual=01		Mac.=DRO	Carr.Lon.=278deg		H.Ang=18deg
.RBS 06:22:18 .SP 06:16	06:2	06:23:34	Peakc/s=39 Wavelength=1375A	Qual=01 Code=00	Tot Cts=273 Exp #=92953	MaxkeV=102 Rast=70"x70"	Step=5" Pi	Pitch=+441",	, Yaw=-549"

14 DOY=206 19 13:5 19 13:5 19 13:5 19 13:5 19 13:5 19 13:5 19 13:5 15:5 15:5 15:5 15:5 15:5 17:10:59 17: 17:16 17:16 17:16 17:10:59 17: 18:56 18:56 18:56 18:56 18:56 18:56 18:58 19 DOY=206 18:56 18:56 18:56 18:56 18:58 23:13 23:23 23:13 23:33	Event # 89/07/2	f = 11713 25, 12:23	D0Y=206		SMM Pointing:	S13W48		Pitch=+486",Yaw≊	, Yaw≖-556", Roll	, Roll=-20deg	H.Ang≖51deg
Type (Intensity: 13:50)         SHM Pointing: S13448         Pitch=4486", Vaw=-556", Roll20deg         H.Ang-51deg         H.Ang		art :23:3 :22	reak 12:23:48	12:23:57	c/s=42 ength=1375	Qual=00 Qual=01	Tot Cts=128 Exp #=92960	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+493"	, Yaw=-543"
	Event 4 89/07/2	# = 11714 25,13:50	D0Y=206		٩	S13W48		Pitch=+486", Yaw	556", Roll	20deg	H.Ang=51deg
13-46   13-55   13-5	GOES HXRBS UVSP Radio S	Start 13:47 13:51:01 13:56 Weeps	13.5	End times 13:53 13:51:33 itensity:	Importance=C2 Peakc/s=38 Wave ength=1375A III/1	Qual=05 Qual=01 Code=02		MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+496"	, Үаw≃-551
Start   Peak   End times   H.Ang-87deg     15:48:2   15:49:18   15:50   Peakc/s-70   Qual-01   Tot Cts=716   MaxkeV-102     15:48:2   15:49:18   15:50   Peakc/s-70   Qual-01   Tot Cts=716   MaxkeV-102     15:48:2   15:49:18   15:50   Peakc/s-70   Qual-01   Tot Cts=716   MaxkeV-102     15:53:17   15:53:46   15:54:04   Peakc/s-47   Qual-01   Tot Cts=717   MaxkeV-102     15:53:17   15:53:46   15:54:04   Peakc/s-47   Qual-01   Tot Cts=111   MaxkeV-102     15:53:17   15:53:46   15:54:04   Peakc/s-47   Qual-01   Tot Cts=111   MaxkeV-102     17:05:17:10   Peakc/s-47   Qual-01   Tot Cts=111   MaxkeV-102     17:05:17:10:59   17:11:27   Peakc/s-66   Qual-01   Tot Cts=111   MaxkeV-102     17:05:17:10:59   17:11:27   Peakc/s-66   Qual-01   Tot Cts=111   MaxkeV-102     17:05:17:10:59   17:11:27   Peakc/s-66   Qual-01   Tot Cts=111   MaxkeV-102     17:05:17:10:59   17:11:27   Peakc/s-66   Qual-01   Tot Cts=129   Pitch=-492", Yaw=-595"     17:05:17:10:59   17:11:27   Peakc/s-66   Qual-01   Tot Cts=129   Pitch=-141", Yaw=-595"     18:55   18:56   18:58   CaPeak.c/s-23   Qual-01   Tot Cts=129   Pitch=-141", Yaw=-939"     18:55   18:56   18:58   Peak   End times   Peak	Event 189/07/2	# = 11715 25,15:55	D0Y=206		Pointing	S13W49		Pitch=+489", Yaw	=-566", Roll	=-20deg	H.Ang≖52deg
15.48.29 15.55 15.50 0 Peak(%=70 Qual=0) Tot Cts=716 Paxkev=102	Optica	Start ]	Peak	times	HaClass=SF	N30M30	AR5603	Mac.=DAO	Carr.Lon.≖	=3deg	H.Ang=87deg
15:53:17   15:53:46   15:54:04   Peakc/s=47   Qual=01   Tot Cts=257   MaxkeV=102     15:53:17   15:53:46   15:54:04   Peakc/s=47   Qual=01   Tot Cts=111   MaxkeV=102   Pitch=+492", Yaw=-576", Roll=-20deg   H.Ang=53deg     17:06   17:06   17:07   Peakc/s=6   Qual=01   Tot Cts=111   MaxkeV=102	GOES HXRBS UVSP	15:46 15:48 15:30	15:55 15:49:18	15:58 15:50:00	Importance=C3 Peakc/s=70 Wavelength=1375	Qual=01 Qual=01 Code=00	:s=716 =92965 # = 11716	= 1		Pitch=+505"	,Yaw=-587"
# 1717	HXRBS	. <del></del> .	15:53:46	15:54:04	Peakc/s=47	Qual=01	ts=257	MaxkeV=102			
Start Peak End times importance=C4 qual=O3	vent 9/07	# = 11717 25,17:16	DOY=20	-	Pointing	S13W50		Pitch=+492", Yaw	=-576", Rol	1=-20deg	H.Ang=53deg
17:10:51   17:10:59   17:11:27   Peakc/s=66   Qual=01   Tot Cts=562   MaxkeV=102     25,18:56   Bov=206   End times   Qual=01   Tot Cts=562   Rast=0"x0"   Start   Rast=180"x1"   Start   S	GOES HXRBS UVSP	Start 17:05 17:06:32 17:04	Peak 17:16 17:08:2	End times 17:27 17:09:51	Importance=C4 Peakc/s=41 Wavelength=1375/	Qual=03 Qual=01 Code=00		MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=+507"	', Yaw=-595"
# = 23032 Start Peak End times  Qual=00  18:55	HXRBS	17:10:51	17:10:59	17:11:27		4ssociated Qual=01		MaxkeV=102	i		
18:35 Wavelength=1375A Exp #=92969 Rast=70"x70" Step=5" Pitch=-141 Pitch=-11719 Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Wavelength=1375A Qual=01 Tot Cts=129 Rast=70"x70" Step=5" Pitch=-141 Rast=70"x70" Step=5" Pitch=-141 Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End times Start Peak End Exp #=92973 Rast=240"x240" Step=15" End End End End Exp #=92973 Rast=180"x1" Step=15" Pitch=-141 Peak End End End End End End End End End End	Event 89/07/ 60ES BCS		D0Y= Peak 18:5	time 58	ak.c/s=2	Qua]=00 Qua]= 4	FePeak=18:56	FePeak.c/s=11 Bact=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s Cad=1.02s	XEN=920600 1.024s/pixel
# = 11719 25,20:09 D0Y=206 Start Peak End times Start Peak End times Start Peak End times 20:09:01 20:09:05 Peakc/s=42 Qual=01 Tot Cts=129 MaxkeV=187 Flags=NS.GB Pitch=-141  # = 23033 25:23:13 D0Y=206 Start Peak End times Importance=C2 Qual=01 FePeak=23:12 FePeak.c/s=9 #Peaks=1 dt= 7.7s Start Peak 23:35 CaPeak.c/s=42 Qual= 1 FePeak=23:12 Start Peak Step=15" Cad= 262s Rast=180"x1" Step=6" Pitch=+4",	UVSP	8:3			ave	⋖	Exp #=92969	Rast=70"x70"	Step=5"	Pitch=-141	", Үаw=-939"
Start Peak End times 20:09:01 20:09:05 Peakc/s=42 Qual=01 Tot Cts=129 MaxkeV=187 Flags=NS,GB 20:08:45 20:09:01 20:09:05 Peakc/s=42 Qual=01 Tot Cts=129 MaxkeV=187 Flags=NS,GB Pitch=-141	Event 89/07/	# = 11719 25,20:09	DOY=206	-	SMM Pointing	N28W88		Pitch=-130",Ya⊮	v=-935", Rol	]=-20deg	H.Ang=86deg
: # = 23033 7/25,23:13 DOY=206 Start Peak End times Start Peak C/s=9 #Peaks=1 dt= 7.7s 23:09 23:13 23:35 CaPeak.c/s=42 Qual=1 FePeak=23:12 FePeak.c/s=9 #Peaks=1 dt= 7.7s 23:09 23:13 23:35 CaPeak.c/s=42 Qual= 1 FePeak=23:12 FePeak.c/s=9 #Peaks=1 dt= 7.7s 23:11 23:13 23:35 CaPeak.c/s=42 Qual=01 Exp #=92973 Rast=180"x1" Step=0" Pitch=+4",	HXRBS UVSP	Start 20:08:4! 20:07	Peak 5 20:09:01	End time 20:09:05	Peal		Tot Cts=129 Exp #=92971	MaxkeV=187 Rast=70"x70"	Flags=NS, Step=5"	tch	", Үаw=-939"
22:56 Wavelength=2788A Code=01 Exp #=92973 Rast=180"x1" Step=0 Pitch=+4",	Event 89/07/ 60ES BCS	# = 2303. /25,23:13 Start 23:09 23:11	DOY=2 Peak 23:13 23:13	End ti 23:32 23:35		Qua}=01 Qua]= 1	FePeak=23:12	FePeak. c/s=9		dt= 7.7s	XEN=920601
	FCS UVSP	22:56			Wavelength=2788		Exp #=92973	Rast=240 x240 Rast=180"x1"		Pitch=+4",	Yaw=-750"

					89/07/26	26 D0Y=207				
Event #	F = 12576	DOV=207			CONTOCIN					
7 10 100	Start	Peak	End times	5	NZSWSS		Pitch=-130", Yaw=-935"	w=-935", Rol	, Roll=-20deg	H.Ang=86deg
GOES HXRBS BCS FCS	00:36 00:37:40 00:38	00:43 00:39:02 00:41	00:51 00:39 00:57	Importance=C3 Peakc/s=56 CaPeak.c/s=118	Qual=04 Qual=01 Qual= 1	Tot Cts=971 FePeak=00:40	MaxkeV=102 FePeak.c/s=24	Flags=I #Peaks=1	dt= 3.8s	XEN=920700
		; ;	1	Wavelength=2788	A Code=00	Exp #=92975	Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=+4"	>-
ı	00:38	00:41	00:57	CaPeak.c/s=118	Associated Qual= 1	1 Event # = 23034 FePeak=00:40	FePeak.c/s=24 Rast=240"x240"		dt= 3.8s Cad= 262s	XEN=920700 1.024s/pixel
100	t # = 23035 7/26,01:06 Start	D0Y=207 Peak	End times							
GOES BCS FCS	01:05	01:06	01:14	CaPeak.c/s=34	Qual=01 Qual= 1	FePeak=01:06	FePeak.c/s=10		dt= 7.7s	XEN=920701
UVSP	01:27			Wavelength=2788A	ď	Exp #=92976	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 2628 Pitch=+4'	1.024s/pixel ', Yaw=-750"
Event # 89/07/2	vent # = 11720 9/07/26,01:25 Start	D0Y=207 Peak	End times	SMM Pointing:	N28W88		Pitch=-130", Yaw	, Yaw=-935", Rol	,Roll=-20deg	H.Ang=86deg
Optical SOES				HaClass=SF	S16W56	AR5597	Mac.=DAI	Carr.Lon.=323deg	=323deg	H.Ang=59deg
HXRBS BCS FCS	01:21:14 01:27	01:21:33 01:30	01:21:43 01:33	Peakc/s=42 CaPeak.c/s=25	Qual=01 Qual= 3	Tot Cts=130 FePeak=01:29	MaxkeV=102 FePeak.c/s=7	#Peaks=1		XEN=920702
JVSP	01:27			Wavelength=2788A	Code=02	Exp #=92976	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad* 262s Pitch=+4",	1.024s/pixel ,Yaw=-750"
	.# = 23036 //26,02:10 Start	D0Y=207 Peak	End times							
BCS FCS	02:10	02:10	02:49	CaPeak.c/s=45	Qual=00 Qual= 5	FePeak=02:10	FePeak.c/s≖6		dt= 3.8s	XEN=920703
	05:00			Wavelength=2788A		Exp #=92977	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+4",	s 1.024s/pixel ',Yaw=-750"
Event # 89/07/26	= 11721 6,03:01 Start	DOY=207 Peak	End times							
Uptical GOES C HXRBS C BCS C	32:57 32:57:26 33:03	03:01 02:58:16 03:03	03:06 02:58:24 03:05	HaClass=1F Importance=C3 Peakc/s=50 CaPeak.c/s=21	\$16W59 Qual=03 Qual=01 Qual= 3	AR5597 Tot Cts=290 FePeak=03:04	Mac.=DAI MaxkeV=102 FePeak.c/s=7	".	75	H.Ang=62deg XEN=920704
_	03:00 Sweeps	Type/In	Type/Intensity:	Wavelength=2788A ( III/1	Code=00	Exp #=92978	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+4",	1.024s/pixel ", Yaw=-750"

Event # 89/07/2 GOES BCS FCS	555	DOY=207 Peak 11:55	End times 12:02	ak.c/s=28	Qual=01 Qual= 1	FePeak=11:52	FePeak.c/s=7 Rast=240"x240" Dse+=70">70"	#Peaks=1 Step=15" C+en=5"	dt= 7.7s X Cad= 262s 1 Pitch= 196"	XEN=920705 1.024s/pixel Yaw=-029"
UVSP Event #	11:31	200		CMM Dointing.	NORMAR		Pitch=-130". Yaw:	=-935	.Roll=-20deq	H.Ang=86deg
69/07/2 GOES HXRBS BCS	69/0//20,13:41 Start GOES 13:35 HXRBS 13:34:31 BCS 13:36		End times 13:46 13:36:28 13:52	ortance=C2 kc/s=81 eak.c/s=102	Qual=01 Qual=01 Qual= 1	Tot Cts=1548 FePeak=13:39	MaxkeV=102 FePeak.c/s=16		dt= 3.8s	XEN=920706
FCS UVSP	13:05			Wavelength=1375A	Code=00	Exp #=92992	Rast=70"x70"	1	Pitch=-191	, Yaw=-929"
Event # 89/07/2	t # = 11723 7/26,13:54	D0Y=207	]	SMM Pointing:	N28W88		Pitch=-130", Yaw	, Yaw=-935", Rol	', Roll=-20deg	H.Ang=86deg
GOES HXRBS UVSP Radio S	Start 13:49 13:49:56 14:33 Sweeps	13.25	End times 14:00 13:51:40 itensity:	Importance=C5 Peakc/s=191 Wavelength=1375A III/2	Qual=02 Qual=01	Tot Cts=3761 Exp #=92993	MaxkeV=187 Rast=265"x265"	Step=5"	Pitch=-123"	", Yaw=-922"
Event # 89/07/2	t # = 23038 7/26,14:31 Start	D0Y=207 Peak	End times		00-1					
BCS BCS	14:29	14:31	15:11	CaPeak.c/s=47	Qual= 5	FePeak=14:38	FePeak.c/s=9 Das+=240"x240"	#Peaks=1 S+en=15"		dt= 7.7s XEN=920707 Cad= 262s 1.024s/pixel
FCS UVSP	14:33			Wavelength=1375A		Exp #=92993	Rast=265"x265"			", Yaw=-922"
Event #89/07/2	t # = 23039 7/26,16:30 Start	D0Y=207 Peak	End times							
GOES BCS	16:02	16:30	16:57	CaPeak.c/s=110	Qual=00 Qual= 1	FePeak=16:22	FePeak.c/s=20 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262	XEN=920708 s 1.024s/pixel
UVSP	16:22			Wavelength=1375A		Exp #=93006	Rast=10"x10"		Pitch=+4	Yaw=-834"
Event 89/07/	Event # = 23040 89/07/26,17:35 Start Optical	DOY=207 Peak	End times	HaClass=SF	\$17E26	AR5608	Mac.=DSO	Carr.Lon.=232deg	.=232deg	H.Ang≈34deg
BCS BCS BCS	17:34	17:35	18:12	CaPeak.c/s=33	Qual= 5	FePeak=17:44	FePeak.c/s=7 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s X Cad= 262s 1	XEN≖920709 1.024s/pixel
UVSP	17:38			Wavelength=1375A		Exp #=93011	Rast=265"x265"			", Yaw≖-922"

Event # = 2304			entre agent and the first talk a				4		
09/0//20,20:52 Start Start	: UUT=∠U/ Peak	End times							
60ES 20:51	20:52	21:04	CaPeak.c/s=26	Qual=00 Qual= 4	FePeak=20:52	FePeak.c/s=8		dt= 7.7s	XEN=920710
JVSP 20:43			₩avelength=2788A	4	Exp #=93021	Rast=115"x115" Rast=243"x243"		Cad=1083s 2 Pitch=-123",	2.048s/pixel ", Yaw=-922"
Event # = 23042 89/07/26,21:16 Start	12 5 DOY=207 Peak	End times							
optical OES			HaClass=SF	S34₩61 0.1a1=00	AR5606	Mac.=DHO	Carr.Lon. =317deg	≠317deg	H.Ang=70deg
BCS 21:14	21:16	21:21	CaPeak.c/s=20	Qual = 4	FePeak=21:14	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=920711
VSP 20:43			Wavelength=2788A	ď	Exp #=93021	Kast=115"x115" Rast=243"x243"	Step=5" Step=3"	Cad=1083s Pitch=-123	2.048s/pixel ",Yaw=-922"
ven+ # - 1170				89/01/2	7 DOY=208				
89/07/27,13:55 Start	D0Y=208 Peak		SMM Pointing:	S13W75		Pitch=+524", Yaw=-758"	758", Roll	, Roll=-20deg	H.Ang=77deg
GOES 13:51 HXRBS 13:51:58 UVSP 13:43	13:55 8 13:52:18	13:57 13:52:25	Importance=C2 Peakc/s=46 Wavelength=1375A	Qual=01 Qual=01 \ Code=00	Tot Cts=98 Exp #=93045	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+513"	', Yaw=-762"
			The state of the s	89/01/28	8 DOY=209				
Event # = 11/25 89/07/28,00:29	5 DOY=209		SMM Pointing:	S13W78		Pitch=+522", Yaw=-771"	=-771", Roll	, Roll=-20deq	H. Ana=80dea
otical	200	2	HaClass=SF	\$18E07	AR5608	Mac.=DS0	Carr.Lon.=234deg	-234dea	H. Ana=24dea
HXRBS 00:21:30 UVSP 00:11	0 00:22:09	00:23:13	importance=u2 Peakc/s=38 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=372 Fxn #=93086	MaxkeV=102	: O + O		
- 1	AL-MANAGE AND ADDRESS OF THE ADDRESS	111111		•	5	rd3t-100 A1	n=danc	F1tcn=+401	, raw=-594"
ent # = 1257	1			89/0//59	9 DOY=210				
89/07/29,06:15 Start	D0Y=210 Peak	End times	SMM Pointing:	S20W12		Pitch=+446",Yaw∍	, Yaw=-40", Roll=-20deg	:-20deg	H.Ang=28deg
GOES 06:11 06:15 06:18 HXRBS 06:10:30 06:11:33 06:12: UVSP 06:26 Radio Frequency(MHz)/Flux(sfu	06:15 06:11:33 cy(MHz)/F	53	Importance=C4 Qu. Peakc/s=708 Qu. Wavelength=2788A 8800/160 15400/250	Qual=01 Qual=01 50	Tot Cts=12000 Exp #=93125	MaxkeV=231 Rast=180"x1"	Flags=M5,I Step=0"	Pitch=+327"	, Yaw=+139"
ent # = 11727				89/07/30	) DOY=211				
89/07/30,05:01 Start	00Y=211 Peak	End times	SMM Pointing:	S20W25		Pitch=+504",Yaw=-215",Roll=-20deg	215", Roll	=-20deg	H.Ang=35deg
04:51	05:01	05:16	.Class=1F rtance=C5	S14E72 Oual=01	AR5619	Mac.≖AXX	Carr.Lon.=140deg		H.Ang≃74deg
HXRBS 04:52:06 UVSP 04:33		04:54:31	c/s=39 length=2788A	Qual=01	Tot Cts=812 Exp #=93155	MaxkeV=102 Rast=180"x1"	Step=0" R	Pitch=+383"	. Yaw=-29"

				89/07/31	DOY=212				
Event # = 11728			SMM Pointing:	N19W23		Pitch=-90", Yaw=-407"	-407", Roll≈-20deg		H.Ang=26deg
	Peak	шes		S11E79	AR5623	Mac.=HAX	Carr.Lon.=113deg		H.Ang=80deg
17:51 17:50:5 17:57 weeps	18:00 9 17:53:53 Type/I	18:03 18:00:47 ntensity:	Importance=M1 Peakc/s=44 Wavelength=1375A III/2 V/2	Qual=03 Qual=01 Code=00	Tot Cts=13274 Exp #=93259	MaxkeV=187 Rast=30"x30"	Step=5" P	Pitch=-105",Yaw=-389"	Yaw=-389"
Event # = 11729	) DOY=212		SMM Pointing:	N19W25		Pitch=-83",Yaw≖	, Yaw=-431", Roll=-20deg		H. Ang=28deg
Ostical Start Ontical	Peak	End times	Class=1B	<u>516Ę32</u>	AR5612	Mac.=DHI	Carr.Lon.=158deg		H.Ang=38deg
GOES 20:55 HXRBS 20:55:45 UVSP 20:50	20:58 20:56:1	21:05 5 20:58:46	rance=M2 c/s=170 length=1375A	Qual=03 Qual=01 Code=00	Tot Cts=4690 Exp #=93275	MaxkeV=187 Rast=10"x10"	Flags=I Step=0" P	Pitch=-69",	, Үам=-425"
				10/80/68	D0Y=213				
Event # = 11730 89/08/01,01:25	0 DOY=213		SMM Pointing:	N19W27		Pitch=-73",Yaw=-465",Roll=-20deg	-465", Roll=-	20deg	H.Ang≖30deg
Start GOES HXRBS 01:23:24 UVSP 01:11	Peak 01:25:4	End times 5 01:28:18	Peakc/s=103 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=7488 Exp #=93293	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=+61", Yaw=-278"	Yaw=-278"
Event # = 11731 89/08/01 04:35	1 D0Y=213		SMM Pointing:	N19W29		Pitch=-66",Yaw∍	, Yaw=-486", Roll=-20deg	20deg	H.Ang=31deg
Optical	Peak	End times	HaClass=SF	\$12E82	AR5623	Mac.=DAO	Carr.Lon.=104deg	104deg	H.Ang≈83deg
GDES HXRBS 04:34:27 UVSP 04:15	7 04:35:23	3 04:37:43	Peakc/s=58 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1826 Exp #=93297	MaxkeV=102 Rast=180"x1"	Step=0" F	Pitch=+68", Yaw=-300"	Yaw=-300"
Event # = 1173 89/08/01,21:37	32 D0Y=213	1	SMM Pointing:	S13E71		Pitch=-73",Yaw=+905",Roll=-20deg	-+905",Roll=-	-20deg	H.Ang=73deg
Start GOES 21:32 HXRBS 21:30:57 BCS 21:35	Peak 21:37 57 21:31:21 21:36	21:44 21:32:03 21:44 21:44	Importance=C2 Peakc/s=59 CaPeak.c/s=45	Qual=01 Qual=01 Qual= 1	Tot Cts=564 FePeak=21:36	MaxkeV=144 FePeak.c/s=10 Dac+=0"x0"	#Peaks=1 c Step=0" (	dt= 7.7s Cad=1.02s	XEN=921300 1.024s/pixel
FCS UVSP 21:11 	 21:33:	55 21:34:07	Wavelength=2788 	ס	Exp #=93333 Event # = 11733 Tot Cts=102	Rast=180"x1" 3 MaxkeV=102		Pitch=-192", 	', Yaw=+831" 
				89/08/05	2 D0Y=214				
Event # = 23043 89/08/02,05:32 Start GOES BCS 05:30 FCS UVSP 05:51	DOY=21 Peak 05:32	End time 05:36	s CaPeak.c/s=21 Wavelength=2788A	Qua]=01 Qua]= 4	FePeak=05:31 Exp #=93342	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-175",	XEN=921410 1.024s/pixel ", Yaw=+807"

. ल	P P	End times		\$12 <u>E</u> 65.	AR5623	Mac.=DAO	Carr.Lon.=107deg	.≖107dea	H. Ang=67deg
BCS 06:50 FCS 07:25	06:57	07:13	Importance-uz CaPeak.c/s=32 Wavelength=2788A	Qual=01 Qual= 1	FePeak=06:56 Exp #=93344	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-172".	XEN=921401 1.024s/pixel 2". Yaw=+803"
Event # = 23045 89/08/02,07:55 Start GOES 07:35 ECS 08:07	5 D0Y=214 Peak 07:55 08:08	End times 08:20 08:26	Importance=C3 CaPeak.c/s=68	Qual=05 Qual= 5	FePeak=08:08	FePeak.c/s=12		1	1
07:58			Wavelength=2788A	Code=02	Exp #=93345	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-171	= .
Event # = 11734 89/08/02,10:05 Start	t D0Y=214 Peak	End times	SMM Pointing:	S13E65		Pitch=-50", Yaw=	, Yaw=+870", Roll=-20deg	=-20deg	H.Ang=67deg
Optical Optical GOES 10:01	10:05	10:08	HaClass=SF HaClass=SF Importance=C2	N18W45 S15E65 Oual=03	AR5617 AR5623	Mac.=DAO	Carr.Lon.=215deg Carr.Lon.=105deg	=215deg =105deg	H.Ang=46deg H.Ang=68deg
10:00:45 10:05	10:02:45 10:05	10:03:32 10:07	Peakc/s=36 CaPeak.c/s=21	Qual=01 Qual= 4	Tot Cts=468 FePeak=10:05	MaxkeV=102 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=921403
09:47			Wavelength=1375A	Code=00	Exp #=93348	Rast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=1.02s Pitch=+3",	
Event # = 23046 89/08/02,10:27 Start	D0Y=214 Peak	End times							
Optical 60ES 10:22 BCS 10:23	10:27 10:27	10:32	HaClass=SF Importance=C3 CaPeak.c/s=25	\$14 <b>£</b> 73 Qual=03 Qual= 1	AR5623 FePeak=10:27	Mac.=DAO FePeak.c/s=14		=97deg	H.Ang=75deg
09:47		_	Wavelength=1375A	Code=00	Exp #=93348	Rast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=1.02s Pitch=+3",Y	1.024s/pixel Yaw=+801"
Event # = 23047 89/08/02,16:45 Start	D0Y=214 Peak	End times							
GDES 15:20 BCS 15:50	16:45 16:16	19:00 16:16	HaClass=SF Importance=C3 CaPeak.c/s=52	\$16E72 Qual=02 Qual= 2	AR5626 FePeak=16:06			-94deg	H.Ang=75deg
	1	1	- 13°	Code=01 Sociated	Exp $\#=93369$ Fvent $\#=23048$	Rast=240"x240" Rast=30"x30"	5.5.	l= 262s :ch=-52"	// Acm=921405 1.024s/pixel ,Yaw=+942"
17:22	17:32	17:51 C	ak.c/s=28	Qual= 4	FePeak=17:28	FePeak.c/s=7 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s	XEN=921406
17:73			Wave length=1275A		01000 a			Cau-1.023	1.0245/01XE

3/02,20 Star 20:4	3049 :43 D0Y=214 t Peak 3 20:43	L4 End times 20:49	CaPeak.c/s=25	Qual=00 Qual= 5	FePeak=20:43	FePeak, c/s=7	#Peaks=1		XEN=921407
4:			Wavelength=1375A		Exp #=93391	Kast=0"x0" Rast=50"x50"	Step=U Step=5"	Pitch=-37"	Yaw=+940"
Event # = 1 89/08/02,22	∞ _	1	SMM Pointing:	S13E58		Pitch=-22",Yaw=	, Yaw=+824", Roll:	,Roll=-20deg	H.Ang=60deg
Start GOES 22:24 HXRBS 22:25:4 BCS 22:27	t Peak 4 22:30 5:42 22:28:] 7 22:29	End time 22:34 10 22:28:54 22:41	s Importance=C5 Peakc/s=122 CaPeak.c/s=266	Qual=03 Qual=01 Qual= 1	Tot Cts=2950 FePeak=22:29	MaxkeV=144 FePeak.c/s=56	Flags=I #Peaks=1	dt= 3.85	XEN=921408
FCS UVSP 22:2			Wavelength=1375A	Code=00	Exp #=93403	kast=240'x240 Rast=30"x30"		pitch=-43"	, Yaw=+937"
Event # = 1 89/08/02,23	تن _	4	SMM Pointing:	S13E56		Pitch=-15", Yaw=	, Yaw=+812", Roll=-20deg	=-20deg	H.Ang=59deg
Start GOES 23:56 HXRBS 23:56:3 BCS 23:57	Peak 23:59 39 23:56 23:58	End times 00:01 48 23:56:52 00:00	Importance=C2 Peakc/s=74 CaPeak.c/s=36	Qual=01 Qual=01 Qual= 1	Tot Cts=203 FePeak=23:57	MaxkeV=102 FePeak.c/s=11	#Peaks=1 C+en=0::	dt= 7.7s Cad=1 02s	XEN=921409 1.024s/pixel
FCS UVSP 23:5	o		Wavelength=1375A	Code=00	Exp #=93410	Rast=30"x30"	Step=5"	Pitch=-35"	, Yaw=+937"
				89/08/03	3 D0Y=215				
Event # = 11736 89/08/03,00:10	D0Y=2	15	SMM Pointing:	S13E56		Pitch=-15", Yaw=+812"	=+812",Roll	, Roll=-20deg	H.Ang≈59deg
Start GOES HXRBS 00:05: BCS 00:07	reak 00:05 00:10	:49 00:06:05 00:11	Peakc/s=45 CaPeak.c/s=19	Qual=00 Qual=01 Qual= 4	Tot Cts=170 FePeak=00:07	MaxkeV=102 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=921500
	11		Wavelength=1375A		Exp #=93412	Kast=U∵xU″ Rast=30"x30"	Step=0 Step=5"	Pitch=-40"	Yaw=+941"
	# = 23050 33,01:55 DOY=21 5.2rt Peak 01:49 01:55	15 End times 02:03 01:58	s Importance=C1 CaPeak.c/s=30	Qual=03 Qual= 4	FePeak=01:52	FePeak.c/s=10		dt= 7.7s	XEN=921502
FCS UVSP 01:52 Radio Sweeps Radio Free	quency	e/Intens )/Flux(s	Wav 111 410	Code=00	Exp #=93423	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=-40	1.0245/plxel ",Yaw=+932"
Event # = 89/08/03,0	37	15	SMM Pointing:	S13E55		Pitch=-10", Yaw	, Yaw=+802", Roll=-20deg	1=-20deg	H.Ang=58deg
Start 60ES 03:06 HXRBS 03:06:3 BCS 03:08	rt Peak 36 03:11 36:50 03:07 38 03:10	End times 03:18 7:39 03:08:22 03:17	Importance=C2 Peakc/s=57 CaPeak.c/s=43	Qual=01 Qual=01 Qual= 1	Tot Cts=941 FePeak=03:09	MaxkeV=102 FePeak.c/s=9	#Peaks=1 Sten=0"	dt= 7.7s X Cad=1.02s 1	XEN=921501 1.024s/pixel
FCS UVSP 03: Radio Fr	24 equency (MHz	03:24 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 8800/64		Exp #=93425	Rast=180"x1"	Step=0"		7", Yaw=+724"

2				89/08/04	)4 D0Y=216		THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPER	
Event # = 11/38 89/08/04.10:05	8 DOY=216		CMM Dointing.	OCHOON		3 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1		
Start	Peak	End times	5	00000		Pitch=+3", Yaw=	,Yaw≃-l",Roll=Odeg	H.Ang=Odeg
Optical GOES 10:01	10:05	10:09	HaClass=SF Importance=C3	\$26E11 0ual=01	AR5622	Mac.=BX0	Carr.Lon.=133deg	H.Ang=34deg
HXRBS 10:02:37 UVSP 10:45	7 10:02:5	1 10:03:06	Peakc/s=43 Wavelength=2788A	Qual=01	Tot Cts=158 Exp #=93459	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=-	Pitch=-121",Yaw=-70"
Event # = 117A			ALL CONTRACTOR OF THE PARTY OF	89/08/02	15 D0Y=217			
89/08/05,02:23 Start	DOY=217 Peak	End times	SMM Pointing:	S13E29		Pitch=+125", Ya	, Yaw=+521", Roll=-20deg	g H.Ang=34deg
Optical GOES 02:15	02:23	02:33		\$18W30 Oual=01	AR5612	Mac.=DKI	Carr.Lon.=165deg	H.Ang≖38deg
HXRBS 02:17:02 UVSP 02:09	2 02:17:1	02:20:10	Peakc/s=57 Wavelength=2788A	Qual=01 Code=00	Tot Cts=1335 Exp #=93527	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+7"	+7", Yaw=+445"
Event # = 11742 89/08/05,02:54 Start	2 D0Y=217 Peak	End times	SMM Pointing:	\$13528		Pitch=+130", Yaw=+511",	w=+511", Roll=-20deg	H.Ang=34deg
GOES HXRBS 02:54:25 UVSP 03:07	5 02:54:32	05:	Peakc/s=78 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=201 Exp #=93528	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+	Pitch=+10",Yaw=+438"
# = 1174 '05,08:31 Start	3 D0Y=217 Peak	End times	SMM Pointing:	S13E26		Pitch=+145", Ya	Pitch=+145", Yaw=+476", Roll=-20deg	H.Ang=32deg
GOES HXRBS 08:31:49 UVSP 08:18	08:31:5	5 08:3	Peakc/s=51 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=82 Exp #=93535	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+	Pitch=+27", Yaw=+400"
Event # = 11744 89/08/05,08:39 Start	D0Y=217 Peak	End times	SMM Pointing:	S13E26		Pitch=+145", Ya	, Yaw=+476", Roll=-20deg	H.Ang=32deg
GOES HXRBS 08:39:42 UVSP 08:18	. 08:39:58	3 08:40:24	Peakc/s=32 Wavelength=2788A	Qual=00 Qual≖01	Tot Cts=149 Exp #=93535	MaxkeV=102 Rast=180"x1"	Step=0" Pitch=+27"	-27", Yaw=+400"
Event # = 11745 89/08/05,10:23 Start	D0Y=217 Peak	End times	SMM Pointing:	S13E24		Pitch=+153",Yav	,Yaw=+456",Roll=-20deg	H.Ang=31deg
Optical GOES 10:19 HXRBS 10:19:41	10:23 10:22:30		HaClass=1N Importance=M1 Peakc/s=196	\$29W03 Qual=01	AR5622 Tot Cts=8402	Mac.≖CRO Mayboy-107	Carr.Lon.=133deg	H.Ang≈35deg
UVSP 10:47 Radio Frequen	cy (MHz)/F		ength=2788A 91 8800/99 1	15400/67	Exp #=93538	Rast=180"x1"	Step=0" Pitch=+;	Pitch=+34",Yaw=+381"
Event # = 11752 89/08/05,19:52 Start	D0Y=217 Peak	End times	SMM Pointing:	S19E49		Pitch=+113", Yaw	, Yaw=+765", Roll=-20deg	H.Ang=55deg
Optical GOES 19:47 HXRBS 19:47:06	19:52 19:47:20	20:01 19:47:58	HaClass=SF Importance=C6 Peakc/s=36	\$27W07 Qual=02 Qual=01	AR5622 Tot Cts=146	Mac.=CRO	Carr.Lon.=132deg	H.Ang=34deg
da a marijifi sajdi.						III TOUR		

23:52:16 23:52:47 23:55 23:52:16 23:52:47 23:55 56,00:52 DOY=218 54art Peak 00:16 00:52 01:0 00:43:56 00:44:08 00:4  \$ = 11749 06,02:05 DOY=218 02:00 02:05 DOY=218 54art Peak End 02:00 02:05 02:03:00 02:05 02:03:00 02:05 05,03:00 02:05 07:47:24 07:49:30 07:47 Frequency(MHz)/Flux(\$		aClass=SF eakc/s=39	N09W20 Qual=00 Qual=01 T	AR5628	Mac.=DA0	Carr.Lon.=143deg	H.Ang=20deg
Event # = 11748  89/08/06,00:52 D0Y=218  89/08/06,00:52 D0Y=218  Start Peak GOES 00:16  Event # = 11749  89/08/06,02:05  By/08/06,02:05  Start Peak Optical GOES 02:00  Event # = 11749  89/08/06,02:05  Start Peak COT:00  Event # = 12580		eak.					
Event # = 11748 89/08/06,00:52 89/08/06,00:52 Start GGES 00:16 00:52 01:09 89/08/06,02:05 00:44:08 00:046 Event # = 11749 89/08/06,02:05 02:05 02:07 HXRBS 02:03:00 02:05 02:10 02:05 02:10 02:05 02:10 02:05 02:10 02:05 HXRBS 02:03:00 02:03:31 02:05 02:10 02:05 HXRBS 02:03:00 02:03:31 02:05 HXRBS 02:03:00 02:03:31 02:05 HXRBS 02:03:00 02:03:31 02:05 HXRBS 02:03:00 02:03:31 02:05 HXRBS 07:47:24 07:51 08:3 00:05 00:05 00:05 00:00:00 00:00:00 00:00:00 00:00:00 00:00:				Tot Cts=555 M	MaxkeV=102	Flags≖I	
Event # = 11748  89/08/06,00:52  Start GOES  00:16  00:52  01:09  HXRBS  00:43:56  00:44:08  00:09  Event # = 11749  Event # = 12580  Event # = 12580  Event # = 12580  Event # = 12580  Event # = 12580  Start  Optical GOES  00:05  00:05  00:05  00:05  Event # = 12580  Event # =	l _		90/80/68	DOY=218			
Start Peak End to COES 00:169 00:52 01:09 01:09 00:43:56 00:44:08 00:46	_	SMM Pointing:	S19E47	<b>a</b> .	Pitch=+123",	, Yaw=+745", Roll=-20deg	H.Ang≖53deg
Event # = 11749 89/08/06,02:05 00005,02:05 COBE		Importance=M3 Peakc/s=57	Qual=02 Qual=01 1	Tot Cts=1617 M	MaxkeV=102		
Optical Start Peak End to Optical Start Peak End to Optical 02:00 02:03:31 02:05 Event # = 12580 02:03:31 02:05 Event # = 12580 DOY=218 End Optical Start Peak End Optical Optical GOES 07:45 07:51 08:3 GOES Radio Frequency (MHz)/Flux(s	S	SMM Pointing:	S19E46		Pitch=+129",	, Yaw=+734", Roll=-20deg	H.Ang=52deg
*0 EE	times H	laClass=1N	S26E51	AR5633	Mac.=BX0	Carr.Lon.=70deg	H.Ang=59deg
	5:23	Importance=C3 Peakc/s=79	Qual=01 Qual=01	Tot Cts=1106	MaxkeV=102		
	0,	SMM Pointing:	S19E43		oitch=+143"	Pitch=+143",Yaw=+704",Roll=-20deg	H.Ang≖49deg
	times	•	S30E51	AR5633 AR5622	Mac.=BXO	Carr.Lon.=67deg Carr.Lon.=129deg	H.Ang=61deg H.Ang=35deg
			Qual=03 Qual=01 8800/78 15	700	MaxkeV=369	Flags=I,ND	
D0Y=218		SMM Pointing:	S19E42		Pitch=+150"	Pitch=+150",Yaw=+692",Roll=-20deg	H.Ang*48deg
Start Peak End to GOES 09:58 10:15 10:35 HXRBS 09:58:02 09:58:20 09:58	:33	Importance=C7 Peakc/s=71	Qua1=02 Qua1=01	Tot Cts=401	MaxkeV=144	Flags=I	
- ∞		SMM Pointing:	S19E41		Pitch=+154"	Pitch=+154", Yaw=+682", Roll=-20deg	H.Ang≖48deg
Start Peak End	times	HaClass=1F	S25W17	AR5622	Mac.=DAO	Carr.Lon.=133deg	H.Ang=35deg
0055 12:02 12:17 13:11 UVDR 12:08:03 12:09:33 12:14:53	11 14:53	Importance=M2 Peakc/s=246	Qua]=04 Qua]=02	Tot Cts=22900	MaxkeV=275	Flags=I, SN	
Radio Sweeps Type/Intens	sity: sfu):	IV/3 245/560 410/290		115/270 2695/1000	4995/360 8	800/240 15400/130	1
HXRBS 12:17:43 12:17:57 12:1	:18:26	Peakc/s=47		Event # = 12583 Tot Cts=345 cvent # = 12584	Maxkev=102	Nsociated Event # = 12583	1
12:23:36 12:23:53 12:	4:16	Peakc/s=47	Associated Qual=01	Tot Cts=198	MaxkeV=102	Flags=I	
585 56 DOY=218		SMM Pointing:	S19E40		Pitch=+158"	', Yaw=+672", Roll=-20deg	H.Ang≈47deg
Peak 13:56:43	End times 13:56:54	Peakc/s=40	Qual=00 Qual=01	Tot Cts=167	MaxkeV=102	Flags=I	•

_ ' ' '	S 0 0 .c/s=41	00		-	5207	620071	H.Ang=44deg
8:46:26 ind times 0:32 3:45:32 3:43:00 ensity: x(sfu): 3:19:57		\$13W02 0ual=00	AR5623	Mac.=EA0	Carr.Lon.=114deg	=114deg	H.Ang=19deg
ind times 0:32 3:45:32 3:43:00 ensity: x(sfu): 3:19:57			Tot Cts=171	MaxkeV≖102	Flags=I		
0:32 3:45:32 3:43:00 ensity: x(sfu): 3:19:57 3:29:41	Pointing: S	S19E34		Pitch=+502", Ya	, Yaw=-387", Rol	, Roll=90deg	H. Ang=42deg
3:45:32 3:43:00 ensity: x(sfu): 3:19:57 3:29:41		\$27W22	AR5622	Mac.=DAO	Carr.Lon.=132deg	=132deg	H. Ang=39deg
ensity: x(sfu): 3:19:57	82	Qual=03	Tot Cts=4.05E+5	MaxkeV=632	Flags=M5, ES	ES	
• •	ngth=1375A Co		Exp #=93560	Rast=30"x30"	Step=5"	Pitch=+505"	Dur=240sec Pitch=+505", Yaw=-490"
:57	00 606/340 14 Asso		2695/1100 4995/1200 8800/2100 15400/2500 Event # = 11753	200 8800/2100	15400/2500		
41 Peak.	=46 =137		Tot Cts=664 Exp #=93556	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+512"	. Yaw=-490"
	.c/s=70 Qu ingth=1375A	Associated to Qual=01 1 5A	Event # = 11/54 Tot Cts=4201 Exp #=93556	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+512"	, Yaw=-490"
	20	70/80/68	D0Y=219				
DOY=219 SMM Poir Peak End times	ointing: SI	S19E34		Pitch=+193", Ya	, Yaw=+598", Roll=-20deg	=-20deg	H.Ang=42deg
5 00:34:22	Qu Peakc/s=42 Qu Wavelength=1375A	Qual=05 Qual=01 T	Tot Cts=454 Exp #=93561	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+201"	, Yaw≖+609"
DOY=219 SMM Pointing Peak End times		S19E34		Pitch=+193", Ya	, Yaw=+598", Roll=-20deg		H.Ang=42deg
)		\$16E34 \$27E45 0ual=01	AR5629 AR5633	Mac.=DKC	Carr.Lon.=75deg Carr.Lon.=64deg		H.Ang=40deg H.Ang=55deg
Peak Waveler 4995/5	₹. 8	Qual=01 T	Tot Cts=2839 P Exp #=93562 F	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=+298",	, Yaw=+702"
Peak		Associated E	Event # = 11757 Tot Cts=675	MaxkeV=102	1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
·		S19E31		Pitch=+207",Yaw	, Yaw=+566", Roll:	, Roll=-20deg F	H.Ang=39deg
HaCl	ass≖SF S2( Oue	\$20E29 Oual=00	AR5629		Carr.Lon.=78deg		H.Ang=39deg
05:12:36 05:13:03 05:13:09 Peakc, 04:57 Waveleng	.c/s=36 Qua ngth=2788A		Tot Cts=116 M Exp #=93574 R	MaxkeV=102 Rast=180"x1"	Step=0" F	Pitch=+86",Yaw=+497"	(aw=+497"

Event # = 11760 89/08/07,05:38	D0Y=219		SMM Pointing:	S19E31		Pitch=+207", Yaw=+566", Roll=-20deg	+566", Roll		H.Ang=39deg
Start GOES HXRBS 05:38:33 UVSP 05:54		End times 05:38:58	Peakc/s=60 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=293 Exp #=93575	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+89", Yaw=+491"	/aw=+491"
<b>*</b> •⊙		End times	ointing:	\$19E26 Qual=00	000	Pitch=+235", Yaw=	, Yaw=+504", Roll=-20deg		H.Ang≈36deg
HXRBS 14:19:11 UVSP 14:11	1 14:19:31	1 14:19:40	Peakc/s=87 Wavelength=2788A		lot Lts=408 Exp #=93586	Rast=180"x1"	Step=0"	Pitch=+114", Yaw=+434"	, Yaw=+434"
Event # = 11762 89/08/07.17:29	2 DOY=219		SMM Pointing:	S19E24		Pitch=+245",Yaw	, Yaw=+482", Roll=-20deg		H.Ang=35deg
Start Optical	Peak	End times	HaClass=SF	\$20E29	AR5629	Mac.=DKC	Carr.Lon.=71deg		H.Ang=39deg
GOES HXRBS 17:28:56 : UVSP 17:28	6 17:29:1	17:29:14 17:29:34	Peakc/s=410 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=2536 Exp #=93590	MaxkeV=321 Rast=243"x243"	Step=3"	Pitch=+252", Yaw=+494"	, Yaw=+494"
Event # = 11763 89/08/07,19:09	3 D0Y=219	, + bra	SMM Pointing:	S19E23		Pitch=+249",Yaw=+471",Roll≈-20deg	=+471", Rol	1=-20deg	H.Ang=34deg
GOES HXRBS 19:09:05 UVSP 19:02	reak 15 19:09:13	κi	Peakc/s=190 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=955 Exp #=93594	MaxkeV=144 Rast=30"x30"	Step=5"	Pitch=+324",Yaw=+600"	, Yaw=+600"
Event # = 11764	4 D0Y=219		SMM Pointing:	S19E23		Pitch=+254",Yaw	, Yaw=+459", Rol	, Roll=-20deg	H.Ang=34deg
Start Start	Peak	End times	HaClass=1B	S26W38	AR5622	Mac.=DAO	Carr.Lon.=136deg	=136deg	H.Ang=49deg
GOES 20:49 HXRBS 20:49:1	20:58 19 20:53:54	21:33 21:09:03	Importance=M8 Peakc/s=13880		Tot Cts=1.32E+6	MaxkeV=859	Flags=M5,ES	ES	Dur=480sec
GRS 20:52:00 UVSP 20:57	) 	O .	Wave	\ Code=00	Exp #=93607	Rast=30"x30"	Step=5"	Pitch=+185'	Pitch=+185", Yaw=+472"
3	lype, ency (MHz),	eeps lype/Intensity: Frequency(MHz)/Flux(sfu):	245/5200 410/140	006/120	0 1415/250 2695/	5200 410/1400 606/1200 1415/250 2695/320 4995/1000 8800/2100 15400/6600	00/2100 15	400/6600	
Event # = 23051 89/08/07,21:43 Start Ontical	1			\$30E31	AR5633	Mac.=DAO	Carr.Lon.=66deg	.=66deg	H.Ang≈47deg
60ES 21:36 BCS 22:01 FCS	21:43 22:01	21:57 22:03	Importance=Ml CaPeak.c/s=19	Qual=05 Qual= 5	FePeak=22:02	FePeak.c/s=6 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=921900 1.024s/pixel " yaw=+460"
UVSP 22:05			Wavelength=1375A	ď	Exp #=93610	Kast=265"X205"	c=danc	7   LCII-1200	201 #3

		The second secon		7/00//00	į				
Event # =	i			80/80/68	J& DOY=220				
89/08/08,00:17 Start	0:17 D0Y=220 rt Peak	20 End times	SMM Pointing: s	S19E21		Pitch=+263",Ya	, Yaw=+436", Ro	,Roll=-20deg	H.Ang=32deg
HXRBS 00: UVSP 00: Radio Fre	00:17:41 00:17:56 00:18:3 00:14 Frequency(MHz)/Flux(sfu)	:56 00:18:38 //Flux(sfu):	Peakc/s=38 Wavelength=1375A 245/520	Qual=00 Qual=01	Tot Cts=213 Exp #=93627	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+185	Pitch=+185",Yaw≖+4448"
Event # = 23052 89/08/08,04:32 Start	23052 4:32 DOY=220 rt Peak	0 End times					4		
Optical 60ES 04:28	28 04:32	04:55	HaClass=SF HaClass=SF Importance=C2	\$17E17 \$22E20 0ual=05	AR5629 AR5633	Mac.≖EKC	Carr.Lon.=77deg Carr.Lon.=74deg	.=77deg .=74deg	H.Ang=29deg H.Ang=34deg
BCS 04:40 FCS 04:58 UVSP 04:58		05:00	CaPeak.c/s=31 Wavelength=2788A		FePeak=04:48 Exp #=93640	FePeak.c/s=15 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Sten=0"	dt= 7.7s Cad= 262s Di+ch=+150"	XEN=922000 1.024s/pixel
Event # = 23053 89/08/08,05:20	3053 3:20 DOY=220							i	0761-881
Optical GOES 05:1	t Peak 0 05:20	는 6 당 6	HaClass=SF	\$16E18	AR5629	Mac.=EKC	Carr.Lon.	.=75deg	H.Ang=29deg
BCS 05:42 FCS	2 05:43	06:32	CaPeak.c/s=471	Qual= 4	FePeak=05:43	FePeak.c/s=46	#Peaks=1		
UVSP 05:35	ĸņ		Wavelength=2788A		Exp #=93641	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+161	_
Event # = 23054 89/08/08,06:32 Start	3054 :32 DOY=220 t Peak	0 End times							
GOES BCS 06:32 FCS UVSP 06:30	2 06:32 06:37 0	&	CaPeak.c/s=23 Peak3c/s=31 Wavelength=2788A	Qual=00 Qual= 5	FePeak=06:32 Exp #=93642	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+164"	XEN=922002 1.024s/pixel
Event # = 12672 89/08/08,07:42 Start	2672 :42 DOY=220 t Peak	Fnd times	SMM Pointing:	S19E17		Pitch=+287", Yaw=+377", Roll=-20deq	=+377", Rol		H.Ang=30deg
GOES HXRBS 07:40:49 BCS 07:42		7:70	Peakc/s=86 CaPeak.c/s=41	Qual=01 Qual=01 Qual= 1	Tot Cts=973 FePeak=07:42	MaxkeV=102 FePeak.c/s=15	Flags=I #Peaks=1	dt= 7.7s	X FN=022003
UVSP 08:04	-		₩avelength=2788A		Exp #=93644	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+169",	1.024s/pixel ',Yaw=+303"
Event # = 23055 89/08/08,19:22 Start Ontical	3055 :22	End times							
GOES 19:12 BCS 19:33	19:22 19:33	19:32 19:39	HaClass=SN Importance=C4 CaPeak.c/s=34	S16E09 Qual=05 Qual= 5	AR5629 FePeak=19:34		<u></u>	2,	H.Ang=24deg
UVSP 19:37			,5A	_	Exp #=93680	Rast=0"x0" Rast=265"x265"		02s +332	

Event # = 23056 89/08/08,21:36 Start	3056 :36 D0Y=220 :t Peak	O End times		,					
GOES BCS 21:32	12 21:36	21:42	CaPeak.c/s=34	Qual=00 Qual= 1	FePeak=21:34	FePeak.c/s=11	#Peaks=1	dt= 7.7s X	XEN=922005
FCS JVSP 21:2]	7.		Wavelength=1375A		Exp #=93686	Rast=10"x10"		Pitch=+335"	, Yaw=+176"
				89/08/08	) D0Y=221				
Event # = 2305, 89/08/09,00:34 Start Optical	3057 334 DOY=22 t Peak	1 End times	HaClass=SF	\$16503	AR5629	Mac.=EKC	Carr.Lon.=80deg	=80deg	H.Ang=23deg
GOES BCS 00:31 FCS 00:22	31 00:34	00:43	CaPeak.c/s=31 Wavelength=2788A	Qual≃01 Qual≈ 1	FePeak=00:32 Exp #=93701	FePeak.c/s=9 Rast=115"x115" Rast=39"x39"	#Peaks=1 Step=5" Step=3"	dt= 7.7s Cad=1083s Pitch=+299	XEN=922100 2.048s/pixel ",Yaw=+299"
	3261								
89/08/09,03	= 11/80 1,03:33 DOY=22	1 Cod + impo	SMM Pointing:	S19E06		Pitch=+346",Yaw=+226",Roll=-20deg	r=+226", Rol	1=-20deg	H.Ang=26deg
Start GOES 03:30 HXRBS 03:30:08 UVSP 03:08	71 Peak 30 03:33 80:08 03:30:27 38	27 03:31:18	Importance=C4 Peakc/s=178 Wavelength=2788A	Qual=02 Qual=01 Code=01	Tot Cts=1812 Exp #=93704	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=+227'	Pitch=+227",Yaw=+155"
Event # = 11767 89/08/09,06:49			SMM Pointing:	S19E04		Pitch=+356", Yaw	, Yaw±+204", Rol	,Roll=-20deg	H.Ang=26deg
Sta Optical Optical	rt Peak	End times		S18W48 S28W61	AR5638 AR5622	Mac.=BX0	Carr.Lon.=127deg Carr.Lon.=140deg	=127deg =140deg	H.Ang≈53deg H.Ang≈68deg
GOES 06: HXRBS 06: UVSP 07:0	06:46 06:49 06:46:38 07:08	06:58 :38 06:47:43	Importance=C4 Peakc/s=261 Wavelength=2788A	Qual=03 Qual=01	Tot Cts=3670 Exp #=93709	MaxkeV=321 Rast=180"x1"	Step=0"	Pitch=+239",Yaw=+12	", Yaw=+123"
Event # = 11768 89/08/09,10:21		-	SMM Pointing:	NOGWOO		Pitch=+1", Yaw=+	, Yaw=+1", Roll=-20deg	iodeg.	H.Ang=Odeg
Sta Optical Optical		End times		\$17W03 \$19E06	AR5629	Mac.=EKC	Carr.Lon.=80deg Carr.Lon.=71deg	=80deg =71deg	H.Ang=24deg H.Ang=26deg
GOES 10: HXRBS 10: UVSP 10: Radio Fr	10:17 10:21 10:24 10:18:29 10:19:14 10:20:47 10:13 Frequency(MHz)/Flux(sfu)	10:21 10:24 10:19:14 10:20:41 :y(MHz)/Flux(sfu):	Importance=C3 Peakc/s=180 Wavelength=2788A 4995/84 8800/63	Qual=01 Qual=01 Code=00	Tot Cts=4945 Exp #=93713	MaxkeV=187 Rast=180"x1"	Step=0"	Pitch=-121"	", Yaw=-70"
Event # = 23058 89/08/09,17:23 Start Optical	23058 7:23 DOY=221 .rt Peak		I	\$17W08	AR5629	Mac.=EKC	Carr.Lon.=81deg	,=81deg	H.Ang=25deg
GDES 17:18 BCS 17:19	18 17:23 19 17:23	17:25 17:28	Importance=C3 CaPeak.c/s=44	Qual=01 Qual= 1	FePeak=17:23	FePeak.c/s=11 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=922101 1.024s/pixel
16	:58		Wavelength=2788A	Code=01	Exp #=93722	Rast=180"x1"	Step=0"	Pitch=+288	", Yaw=+311"

Event # = 11769 89/08/09,20:09 Start	11769 0:09 DOY=221	21 End times	SMM Pointing:	S20W03		Pitch=+418", Yaw=+101", Roll=-20deg	w=+101", Rol	]=-20deg	H.Ang=27deg
GOES HXRBS 20:( UVSP 20:) Radio Fre	09:17 20:09 15 equency (MHz)	2 20:10:13 Flux(sfu):	Peakc/s=46 Wavelength=1375A 15400/64	Qual=00 Qual=01	Tot Cts=424 Exp #=93726	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+425	Pitch=+425",Yaw=+113"
Event # = 23059 89/08/09,20:12 Start GOES BCS 20:11 FCS UVSP 20:15	23059 0:12 DOY=221 rt Peak 11 20:12	21 End times 20:14	caPeak.c/s=21 Wavelength=1375A	Qua]=00 Qua]= 4	FePeak=20:11 Exp #=93726	FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+425",	XEN=922102 1.024s/pixel ", Yaw=+113"
Event # = 11770 89/08/09,20:33 Start	11770 3:33 DOY=221 rt Peak	21 End times	SMM Pointing:	S20W03	ACCOUNT	81	, Yaw=+101", Roll=-20deg	1=-20deg	H.Ang=27deg
GOES HXRBS 20:3 UVSP 20:2		20:33:50 20:34:03	•	0.00   0.	Ak3034 Tot Cts=90 Exp #=93730	MaxkeV=102 Rast=30"x30"	carr.Lon.=35deg Step=5" Pitch	=35deg Pitch=+408	35deg H.Ang=43deg Pitch=+408",Yaw=+134"
Event # = 23060 89/08/09,22:12 Start Optical GOES 22:08 BCS 22:14 FCS 22:12	23060 -: 12 004=221 -: Peak -: Peak -: 12 22: 12 -: 14 22: 14	21 End times 22:21 22:19	HaClass=1N Importance=C2 CaPeak.c/s=18 Wavelength=1375A	\$17W12 Qual=01 Qual= 4 Code=02	AR5629 FePeak=22:16 Exp #=93740	Mac.=EKC FePeak.c/s=8 Rast=0"x0" Rast=50"x50"	Carr.Lon.=83deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=5" Pitch	=83deg H dt= 7.7s X Cad=1.02s 1 Pitch=+403",	H.Ang=26deg XEN=922103 1.024s/pixel
Event # = 11771 89/08/09,23:24 Start GOES HXRBS 23:24:35 UVSP 23:23	f = 11771 39,23:24 DOY=221 Start Peak 23:24:35 23:24:43 23:23	21 End times :43 23:24:59	SMM Pointing: Peakc/s=53 Wavelength=1375A	\$20W05 Qual=00 Qual=01	Tot Cts=214 Exp #=93746	Pitch=+426", Yaw=+77", Roll=-20deg MaxkeV=102 Rast=10"x10" Step=0" Pitch=	/=+77", Roll: Step=0"	=-20deg H.Ang=27d Pitch=+411", Yaw=-39"	H. Ang=27deg , Yaw=-39"
Event # = 23061 89/08/10,00:50 Start GOES BCS 00:49 FCS UVSP 00:52	3061 1:50 D0Y=222 1t Peak 19 00:50	22 End times 00:52	CaPeak.c/s=26 Wavelength=1375A	89/08/10 Qual=01 Qual= 4	D 00Y=222 FePeak=00:49 Exp #=93753	FePeak.c/s=7 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+438",	XEN=922200 1.024s/pixel ", Yaw=+77"

Event 89/08/	Event # = 11772 89/08/10,02:16	D0Y=222		SMM Pointing:	S20W06		Pitch=+431", Yaw=	, Yaw=+64", Roll=	, Roll=-20deg	H.Ang=27deg
Optica.		Peak	End times	HaClass=1N		AR5629	Mac.=EKC	Carr.Lon.=77deg	=77deg	H.Ang=22deg
GOES HXRBS BCS	01:39 01:39:21 01:41	02:16 01:41:21 01:43	02:44 01:44:02 01:45	Importance=M2 Peakc/s=1273 CaPeak.c/s=523	Qual=02 Qual=01 Qual= 2	Tot Cts=51670 FePeak=01:43	MaxkeV=275 FePeak.c/s=162 Rast=240"x240"	Flags=M5 #Peaks=1 Step=15"	dt= 3.8s Cad= 262s	XEN=922201 1.024s/pixel
UVSP Radio		02:26 Frequency(MHz)/Flux(sfu)	lux(sfu):		8800/130	200	Rast=50"x50"	Step=5"	=	', Yaw=-13"
BCS -	02:23	02:23	02:52	.caPeak.c/s=429	Associated Qual= 5		FePeak.c/s=43 Rast=180"x240"	#Peaks=1 Step=15"	3.8s 197s	-9222 24s/p
38	02:33:03 02:33:15 02:34:32	02:33:15	02:34:32	Peakc/s=237	Associated Qual=01	Event # = 11773 Tot Cts=2325	MaxkeV=144	1 1 1	1 1 1	1 1 1 1
Event 89/08/ GOES	Event # = 23062 89/08/10,02:53 Start GOES 02:53	00Y=222 Peak	End times	Caboak c/s=20	Qual=00	FePeak=02:53	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=922203
FCS	02:50	75.33		Wavelength=1375A		Exp #=93768	Rast=240"x240" Rast=30"x30"	Step=15" Step=5"	Cad= 262s Pitch=+325	1.024s/pixel ",Yaw=-16"
Event 89/08/	Event # = 11774 89/08/10,03:08 Start	DOY=222 Peak	End times	SMM Pointing:	S20W07		Pitch=+435", Yaw=+51", Roll=-20deg	=+51", Roll:	=-20deg	H.Ang≖28deg
GOES HXRBS BCS	03:04:31 03:06		93:	Peakc/s=62 CaPeak.c/s=52	Qual=03 Qual=01 Qual= 1	Tot Cts=1436 FePeak=03:08	MaxkeV=102 FePeak.c/s=12 Bast=240"x240"	#Peaks=1 Sten=15"	dt= 7.7s X Cad= 262s 1	XEN=922204 1.024s/pixel
UVSP	03:01			Wavelength=1375A	æ	Exp #=93770	Rast=30"x30"	Step=5"	Pitch=+326	", Yaw=-18"
Event 89/08/	Event # = 11775 89/08/10,03:13 Start	D0Y=222 Peak	End times	SMM Pointing:	\$20W07		Pitch=+435", Yaw=+51", Roll=-20deg	4=+51", Roll	=-20deg	H.Ang=28deg
GOES HXRBS UVSP	03:13:16 03:01	. 03:13:37	03:13:16 03:13:37 03:14:05 03:01	Peakc/s=83 Wavelength=1375A	Qual=05 Qual=01 A	Tot Cts=914 Exp #=93770	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+326"	", Yaw=-18"
Event 89/08/	Event # = 11776 89/08/10,04:42 Start	D0Y=222 Peak	End times	SMM Pointing	\$20M07		39"	, Yaw=+40", Roll	, Roll=-20deg	H.Ang=28deg
Optica GOES				HaClass=SF	N27E68 Qual=00	AR5639	Mac.=DAO	Carr.Lon.=359deg	=359deg	H.Ang≐oŏueg
HXRBS	04:42:03 04:33	3 04:42:29	04:42:29 04:42:41	Peakc/s=69 ₩avelength=1375A		Tot Cts=484 Exp #=93779	MaxkeV=144 Rast=30"x30"	Step=5"	Pitch=+350	Pitch=+350",Yaw=+20"
				Continue to the second						

## Find times   HarClass=SF   N28E66   AR5629   HacDAO   Cart.Lon.=J9deg   HacDAO   CartDAO   Cart	DOY=222		SMM Pointing:	S20W07		Pitch=+439" Ya	L L O DO 1	=_20dea	1 And -00400
OS:30	٢	End time	ΞŦ.	N28E66 \$21W12	AR5639 AR5629		Carr. Lon.	=1deg =79dea	H.Ang=66deg H.Ang=30deg
######################################	 	1 05:24: 05:30	Importance=uz Peakc/s=124 CaPeak.c/s=35		Tot Cts=4480 FePeak=05:25	MaxkeV=144 FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=922205 1.024s/pixel
End times SMM Pointing: S20W08			wave lengtn=13/5/	- 1	Exp #=93780	Rast=265"x265"	Step=5"	Pitch=+451	', Yaw=+40"
HaClass=5F S30E02 AR5639 ARc.=DSO Carr.Lon.=54deg AR8639 AR8649102 AR864C/S=34 Qual=01 Tot Cts=100 ARXEV=102 AR864S	£222		SE	S20W08		Pitch=+443", Yaw	w=+27", Roll:	=-20deg	H.Ang=28deg
Same design   Same design			На.:	S30E02 N28E69	AR5633 AR5639	Mac.=DS0	Carr.Lon.	=64deg =357deg	H.Ang=36deg H.Ang=68deg
End times  End times  SMM Pointing: \$20w09  Pitch=+448", Yaw=+16", Roll=-20deg  Qual=00  Qual=01  GaPeakc/s=34  Qual=01  Exp #=93791  Pitch=+448", Yaw=+16", Roll=-20deg  Rast=180"x1"  Rast=180"x1"  SMM Pointing: \$20w09  Pitch=+448", Yaw=+16", Roll=-20deg  Pitch=+448", Yaw=+16", Roll=-20deg  Pitch=+329"  Rast=180"x1"  Step=0"  Rast=180"x1"  Rast=180"x1"  Rast=180"x1"  Rast=180"x1"  Rast=180"x1"  Pitch=+456", Yaw=-9", Roll=-20deg  Pitch=+329"  Rast=180"x1"  R	5:39	06:15:5	Peakc/s=39 Wavelength=2788A			MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+325'	, Yaw=+206"
3:35 07:23:46 Peakc/s=43 Qual=01 Tot Cts=100 FePeak.c/S=12 #Peaks=1 dt=7.75 Rast=0.x0" Step=0" Cad=1.02s Rast=0.x0" Step=0" Cad=1.02s Rast=0.x0" Step=0" Cad=1.02s Rast=0.x0" Step=0" Step=0" Pitch=+329 Pitch=+320 Pitch	=222			S20W09		Pitch=+448", Yaw	/=+16", Roll:	20deg	H.Ang=28deg
Mayelength=27884   Exp #=93791   Rast=180"x1"   Step=0" Cad=1.02s			Peakc/s=43 CaPeak.c/s=34	Qual=00 Qual=01 Qual= 1	Tot Cts=100 FePeak=07:25	MaxkeV=102 FePeak,c/s=12		dt= 7.7s	XEN=922206
End times  1:48 07:41:53 Peakc/s=42 Qual=00  1:48 07:41:53 Peakc/s=42 Qual=01  Exp #=93791 Rast=180"x1" Step=0" Pitch=+329  End times  End times			₩avelength=2788A		Exp #=93791	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=+329"	1.024s/pixel , Yaw=+194"
1:48 07:41:53 Peakc/s=42 Qual=00 Tot Cts=86 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+329 Rast=180"x1" Step=0" Pitch=+329    222 End times Importance=C3 Qual=01 Tot Cts=214 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+339    224 10:56:02 Peakc/s=58 Qual=01 Tot Cts=214 MaxkeV=102 Rast=180"x1" Step=0" Pitch=+339 Rast=180"x1" Step=0" Pitch=+339 Rast=180"x1" Step=0" Pitch=+339 Rast=180"x2" Step=10" Cad=4.61s Rast=30"x30" Step=10" Cad=4.61s Rast=39"x39" Step=3" Pitch=+477	DOY=222 Peak	End times	Pointing	S20W09		Pitch=+448", Yaw	/=+16", Roll=	20deg	H.Ang=28deg
End times  End times  Hamportance=C3 Qual=02  5:49 10:56:02 Peakc/s=58 Qual=01  Mavelength=2788A Code=02 Exp #=93796 Rast=180"x1" Step=0" Pitch=+339  End times  Wavelength=2788A Code=02 Exp #=93796 Rast=180"x1" Step=0" Pitch=+339  End times  SMM Pointing: S20W16 Pitch=+485", Yaw=-91", Roll=-20deg  1 21:15 Importance=C3 Qual=01 Tot Cts=2946 MaxkeV=144  CaPeakc/s=260 Qual=01 Tot Cts=2946 MaxkeV=144  Mavelength=2788A Code=00 Exp #=93828 Rast=39"x39" Step=10" Cad=4.61s  Rast=39"x39" Step=10" Cad=4.61s	07:41:48	07:41	Peakc/s=42 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=86 Exp #=93791	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+329"	, Yaw=+194
11:29	=222 k	End times	Pointing	S20W11		Pitch=+456", Yaw	9", Roll=-	20deg	H.Ang=29deg
End times  End times  1 21:15	24 55:49	11:29 10:56:02	Importance=C3 Peakc/s=58 Wavelength=2788A	Qual=02 Qual=01 Code=02			Step=0"	Pitch=+339"	, Yaw=+165"
1 21:15 Importance=C3 Qual=O1 9:34 21:10:34 Peakc/s=260 Qual=O1 Tot Cts=2946 MaxkeV=144 1 21:15 CaPeak.c/s=104 Qual=O1 FePeak=21:11 FePeak.c/s=19 #Peaks=1 dt= 3.8s Rast=30"x30" Step=10" Cad=4.61s Wavelength=2788A Code=O0 Exp #=93828 Rast=39"x39" Step=3" Pitch=+477	222	Fnd + imps	1	S20W16		Pitch=+485", Yaw	91", Roll=	-20deg	H.Ang=31deg
Aast=30"x30" Step=10" Cad=4.61s avelength=2788A Code=00 Exp #=93828 Rast=39"x39" Step=3" Pitch=+477	1 9:34 1	21:15 21:10:34 21:15	Importance=C3 Peakc/s=260 CaPeak.c/s=104	Qual=01 Qual≃01 Qual= 1	Tot Cts=2946 FePeak=21:11	MaxkeV=144 FePeak.c/s=19		dt= 3.8s	XEN=922207
			avel	(ode≖00	Exp #=93828	Rast=30"x30" Rast=39"x39"		Cad=4.61s ( Pitch=+477"	J.512s/pixel ,Yaw=-5

Event # = 11789 89/08/10,22:27	39 7 DOY=222	1	SMM Pointing:	S20W17		Pitch=+489",Yaw=	, Yaw=-103", Roll	,Roll≖-20deg ⊦	H.Ang=32deg
Start GOES 22:23 HXRBS 22:24:( BCS 22:24	Peak 22:27 :08 22:24:31 22:26	22:32 22:34:40 22:24:40 22:30	Importance=C3 Peakc/s=42 CaPeak.c/s=42	Qual=01 Qual=01 Qual= 1	Tot Cts=214 FePeak=22:25	MaxkeV=102 FePeak.c/s=10 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=922208 1.024s/pixel
FCS UVSP 22:24			Wavelength=1375A	Code=00	Exp #=93829	_	1	Pitch=+496"	, Yaw=-91"
Event # = 1178 89/08/10,23:59	83 19 DOY=222		SMM Pointing:	S20W18		Pitch=+492",Yaw≖	, Yaw≖-115", Roll	,Roll=-20deg	H.Ang≈32deg
Start GOES HXRBS 23:59:1 UVSP 23:56	Peak 1 23:59:2	End times 6 23:59:35	Peakc/s=73 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=206 Exp #=93838	MaxkeV=144 Rast=265"x265"	Step=5"	Pitch=+500",Yaw=-103"	, Yaw=-103"
				89/08/11	D0Y=223				
Event $\# = 11784$	84 6 DOY=223		SMM Pointing:	S20W18		Pitch=+492",Yaw	, Yaw≖-115", Roll	, Roll=-20deg	H.Ang=32deg
Start	Peak	End times	HaClass=SF	S16W16	AR5629	Mac.=DKC	Carr.Lon.=72deg	=72deg	H.Ang=27deg
00:11 00:12 00:13	00:16 :18 00:14:16 00:15	00:20 00:14:42 00:22	Importance=C4 Peakc/s=50 CaPeak.c/s=95	Qual=01 Qual=01 Qual= 1	Tot Cts=805 FePeak=00:14	MaxkeV=102 FePeak.c/s=20	#Peaks=1 C+en=15"	dt= 3.8s X Cad= 262s 1	XEN=922300 1.024s/pixel
			Wavelength=1375A	Code=00	Exp #=93842	Rast=10"x10"	- 1	Pitch=+442	", Yaw=-162"
Event # = 23063 89/08/11,00:33	163 13 DOY=223 Peak	End times				2	-	-341400	H Ann=74ded
Optical Optical	; ;		HaClass=SF	N20E75	AR5641	Mac.=AAA	Callin	620110	F
GÓES BCS 00:32 FCS 00:27	00:33	00:38	CaPeak.c/s=23 Wavelength=1375A	Qual=00 Qual= 4	FePeak=00:33 Exp #=93844	FePeak.c/s=7 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+443"	XEN=922301 1.024s/pixel ",Yaw=-94"
Fvent # = 11)	785					WEY "CD1+10	Vaw=_115" Rol	Roll=-20dea	H.Ana=32dea
	49 DOY=223 Peak	3 End times		320W18	AP5641	Mac.=AXX	Carr.Lon.=341deg	=341deg	H.Ang=74deg
Optical			HaLlass=3F	0ua]=00					
GOES HXRBS 00:48: BCS 00:48	.01 00:48 00:49	:22 00:48:28 00:50	Peakc/s=32 CaPeak.c/s=22	Qual=01 Qual= 2	Tot Cts=98 FePeak=00:49	MaxkeV=102 FePeak.c/s=9 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s X Cad= 262s 1	XEN=922302 1.024s/pixel
FCS UVSP 00:41			Wavelength=1375A		Exp #=93846	Rast=10"×10"		- 1	C7T-=MP1.
Event # = 11786 89/08/11.01:43	D0Y=22	3	SMM Pointing:	S20W19		Pitch=+496",Yav	, Yaw=-127", Rol	,Roll=-20deg	H.Ang=33deg
Start Optical	Peak	End time	S	N21E56	AR5639	Mac.=CA0	Carr.Lon.=360deg	,=360deg	H.Ang*56deg
GOES 01:34 HXRBS 01:35: UVSP 01:43	01:43 :51 01:36	02:09 :42 01:37:55	Importance=U/ Peakc/s=52 Wavelength=1375A	Qual=01 Qual=01 A Code=02	Tot Cts=854 Exp #=93851	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+471	Pitch=+471", Yaw=-208"

Start H									
	reak	End times		013 =00					
	03:39	03:40	CaPeak.c/s=26	Qual= 3	FePeak=03:37	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN-922303
02:50			Wavelength=2788A		Exp #=93857	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+379",	1.024s/pixel
Event # = 11787 89/08/11,04:52 D Start P	D0Y=223 Peak	End times	SMM Pointing:	S20W21		Pitch=+504",Yaw=-153",Roll=-20deg	=-153", Rol	]≖-20deg	H.Ang=34deg
04:52:18 0 05:18	04:52:21	04:52:30	Peakc/s=47 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=97 Exp #=93860	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+385	Pitch=+385",Yaw=+29"
Event # = 11788 89/08/11,05:32 D Start P	D0Y=223 Peak	End times	SMM Pointing:	S20W21		Pitch=+504", Yaw	, Yaw=-153", Roll=-20deg	=-20deg	H.Ang=34deg
23 0	0.1	05:38	HaClass=SN Importance=C9	\$12W21 Oual=03	AR5629	Mac.=EKC	Carr.Lon.=74deg	=74deg	H.Ang=28deg
05:23:56 0 05:18	5:24:04	05:26:06	≴	Qual=01 Code=00	Tot Cts=986 Exp #=93860	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+385	Pitch=+385",Yaw=+29"
3065 : 39 t	23	d times	HaClass=SN	\$16425	405620		-		
13:35 1. 13:44 1.	13:39 13:44	13:44 13:48	oortance=C4 Peak.c/s=37	Qual=05 Qual= 5	FePeak=13:44	February c/c=p	#Dosker   40eg	/4aeg	H.Ang*33deg
3:37			æ	Code=00	Exp #=93871	Rast=0"x0" Rast=180"x1"	-   = =	dt= /./s X Cad=1.02s 1 Pitch=+399",	<pre></pre>
Event # = 11790 89/08/11,13:56 DC Start Pe	D0Y=223 Peak	End times	SMM Pointing:	S19W27		Pitch=+520", Yaw=-250", Roll=-20deg	250", Roll	=-20deg	H.Ang=37deg
13:55:10 13 13:55 13	13:55:48 1 13:56	13:56:54 F 14:32	Peakc/s=83 CaPeak.c/s=51	Qual=02 Qual=01 Qual≈ 3	Tot Cts=1585 FePeak=13:56			dt= 3.8s	XFN=922305
13:37 Frequency(	3:37 Frequency(MHz)/Flux(sfu)	••	Wavelength=2788A 8800/76 15400/65		Exp #=93871	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+399",	1.024s/pixel ", Yaw=-64"
Event # = 11791 89/08/11,18:47 DO Start Pe Optical	D0Y=223 Peak E	End times	SMM Pointing:	S19W30	A DE 620	30"	, Yaw=-283", Roll:	, Roll=-20deg	H. Ang=39deg
18:44:14 18 18:45 18	18:44:36 1 18:47	18:45:18 P 19:19 C	kc/s=51 eak.c/s=56	0	Tot Cts=676 FePeak=18:46		<u>:</u>	8	H.Ang=38deg XFN=922306
.1 quency (	18:41 Frequency(MHz)/Flux(sfu):		Wavelength=1375A 15400/75	_	Exp #=93895	Rast=0"x0" Rast=10"x10"		340s +484	3840s/pixel ', Yaw=-260"

89/08/1	1.20:11	D0Y=223		SMM Pointing:	S19W31	_	Pitch=+533", Yaw=	, Yaw=-294", Rol	, Roll=-20deg	H.Ang≖40aeg
Optical	Start	Peak	End times	.Class=SN	N17E81	AR5643		Carr.Lon.	=324deg	H.Ang=80deg
GOES HXRBS BCS	19:59 20:00:30 20:01	20:11 20:07:04 20:23	20:19   20:11:11   20:28		Qual=01 Qual=01 Qual= 1	Tot Cts=33585   FePeak=20:22	MaxkeV=231 FePeak.c/s=195	#Peaks=3 <+en=15"	dt= 7.7s X Cad= 262s 1	XEN=922307
FCS UVSP Radio	20:11 Frequency(MHz)/Flux(s <sup>.</sup>	:y (MHz) / F	:lux(sfu):	Wavelength≖1375A 8800/63	Code=02	Exp #=93904			Pitch=+487"	, Yaw=-270"
Event # 89/08/1	Event # = 11793 89/08/11,20:25	D0Y=223		SMM Pointing:	S19W31		Pitch=+533",Yaw=	, Yaw=-294", Roll:	l=-20deg	H.Ang=40deg
Optical	Start	Peak	End times	.Class=1B	S14W27	AR5629	Mac.=EKC	Carr.Lon.=72deg	=72deg	H.Ang=34deg
GOES HXRBS UVSP	20:21 20:17:21 20:23	20:25 20:19:57	20:44 7 20:27:50	Importance=M2 Peakc/s=252 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=22665 Exp #=93906	MaxkeV=144 Rast=30"x30"	Step=5"	Pitch=+493"	, Yaw=-277"
Event # 89/08/1	Event # = 23066 89/08/11,21:25	DOY=223	Fnd times							
GOES BCS	21:25	21:25	21:28	CaPeak.c/s=24	Qua]=00 Qua]= 5	FePeak=21:26	FePeak.c/s=5	#Peaks=1	dt= 7.7s	XEN=922308
FCS UVSP	21:28			Wavelength=1375A		Exp #=93909	Rast=265"x265"	Step=5"		", Yaw=-292"
Event # 89/08/1	: # = 23067 3/11,21:58 Start	D0Y=223 Peak	End times		-					
GOES BCS	21:57	21:58	22:05	CaPeak.c/s=21	Qual=00 Qual= 4	FePeak=21:57	FePeak.c/s=8	#Peaks=1	dt= 7.7s Cad=1.02s	XEN=922309 1.024s/pixel
FCS UVSP	21:54			Wavelength=1375A		Exp #=93915	Rast=30"x30"	Step=5"	Pitch=+491	", Yaw=-282"
Event 89/08/	t # = 11794 8/11,23:02	D0Y=223		SMM Pointing:	S19W33		Pitch=+539", Yaw	, Yaw=-316", Rol	,Roll=-20deg	H.Ang≕4ldeg
Optica	Start 1	Peak	End times	HaClass=1B	S18W32	AR5629	Mac.=EKC	Carr.Lon.	.=76deg	H.Ang=40deg
GOES HXRBS BCS	22:42 22:56:19 22:57	23:02 22:57:50 23:01	23:25 0 23:14:41 23:25	<pre>Importance=M6 Peakc/s=893 CaPeak.c/s=3301</pre>	Qual=04 Qual=02 Qual= 1	Tot Cts=1.64E+5 FePeak=23:01	MaxkeV=231 FePeak.c/s=1056	Flags=SN, #Peaks=1 Step=15"	SG dt= 3.8s fad= 262s	XEN=922310
FCS UVSP	23:01			Wavelength=1379	Code=00	Exp #=93918	Rast=265"x265"	Step=5"		", Yaw=-303"
- 538 BCS	23:25	23:25	23:53		Associated Qual= 5	FePeak=23:25	FePeak.c/s=10 Rast=0"x0"	#Peaks=1 Sten=0"	- 7.7 1=1.0	EN=9223
WSP WSP	23:22			Wavelength=1375A		Exp #=93922	Rast=30"x30"	Step=5"	Pitch=+469	", Yaw=-343"
Event # = 89/08/11	# = 11795 $11,23:46$	D0Y=223		SMM Pointing:	S19W33		Pitch=+539", Yaw	, Yaw=-316", Ro	, Roll=-20deg	H.Ang=4ldeg
Optica	~~		End times	HaClass=1B	\$18W32	AR5629	Mac.=EKC	Carr.Lon.=75deg	=75deg	H.Ang≖4Odeg
GOES HXRBS UVSP	23:46:21	1 23:46:34	14 23:46:47	Peakc/s=37 Wavelength=1375A		Tot Cts=173 Exp #=93926	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+470	Pitch=+470", Yaw=-345"

			-		89/08/12	10 NOV=224				, and the second
Event 89/08/	Event # = 11796 89/08/12,00:52	DOY=224	i	SMM Pointing:	S19W33		Pitch=+542", Yaw=-326"	w=-326", Ro	, Roll=-20deg	H.Ang≈42deg
GOES HXRBS BCS BCS	3tart 00:50:02 00:29	00:50:32 00:52	2 00:51:41 01:02	Peakc/s=40 CaPeak.c/s=99	Qual=00 Qual=01 Qual= 1	Tot Cts=406 FePeak=00:51	MaxkeV=102 FePeak.c/s=23	#Peak		XFN=922400
UVSP	96:00			Wavelength=1375A	_	Exp #=93928	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s 1 Pitch=+496",	1.024s/pixel
Event 89/08/	Event # = 23069 89/08/12,01:11 Start	D0Y=224 Peak	End times							
GOES BCS FCS	01:08	01:11	01:19	CaPeak.c/s=34	Qual=00 Qual= 1	FePeak=01:08	FePeak.c/s=9			XEN=922401
UVSP	00:36			Wavelength=1375A		Exp #=93928	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s 1 Pitch=+496",	1.024s/pixel ", Yaw=-306"
Event 89/08/	# = 11797 12,02:12 Start	00Y=224	Fod times	SMM Pointing:	S19W34	THE REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY	Pitch=+545", Yaw=-337", Roll=-20deg	#=-337", Ro]	]=-20deg	H.Ang=42deg
GOES HXRBS BCS FCS	GOES 02:09 (1) (1) (2) (2) (3) (4) (4) (4) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	22:12 22:09:11 32:12	02:15 02:14:05 02:19	<pre>Importance=C3 Peakc/s=172 CaPeak.c/s=73</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=2259 FePeak=02:12	MaxkeV=188 FePeak.c/s=14	#Peaks=1	v	XEN=922402
UVSP Radio	02:05 Frequent	02:05 Frequency(MHz)/Flux(sfu)		Wavelength=2788A 15400/87	Code=00	Exp #=93929	Rast=240"x240" Rast=243"x243"	Step=15" Step=3"	Cad= 262s Pitch=+552	1.024s/pixel ", Yaw=-324"
Event #89/08/1	Event # = 11798 89/08/12,02:37 Start	DOY=224 Peak	End times	SMM Pointing:	S19W34		Pitch=+545", Yaw=-337", Roll=-20deg	v=-337", Rol	1=-20deg	H.Ang=42deg
GOES HXRBS UVSP	02:37:39 02:13	02:37:46	02:37:59	Peakc/s=35 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=91 Exp #=93930	MaxkeV=144 Rast=39"x39"	Step=3"	Pitch=+483	Pitch=+483",Yaw=-400"
Event # 89/08/12 0ptical 60ES UVSP	= 23070 2,03:07 Start 02:58	DOY=224 Peak 03:07	End times 03:24	HaClass=SF Importance=M2 Wavelength=2788A	\$16W34 Qual=02 Code=00	AR5629 Exp #=93931	Mac.=EKC Rast=180"x1"	Carr.Lon.=76deg	=76deg	H. Ang=40deg
<pre>syont # sy/08/1 ptical</pre>	Event # = 23071 89/08/12,03:35 Start Optical	D0Y=224 Peak	End times	HaClass=SF	N16E77	AR5643	Mac.=DAO	ے ا	, H	H. Annæ 76den
BCS FCS UVSP	03:34 03:28	03:35	03:45 (	CaPeak.c/s=55 Wavelength=2788A	Qua]=00 Qua]= 5	FePeak=03:35 Exp #=93932	FePeak.c/s=13 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s Cad= 262s Pitch=+427	XEN=922404 1.024s/pixel ', Yaw=-162"

Event 89/08/ 60ES BCS FCS UVSP	Event # = 23072 89/08/12,03:53 Start GOES BCS 03:51 FCS UVSP 03:28	DOY=224 Peak 03:53	End times 04:01	CaPeak.c/s=32 ( Wavelength=2788A	Qual=00 Qual= 1 F	FePeak=03:55 Exp #=93932	FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+427"	dt= 7.7s XEN=922405 Cad= 262s 1.024s/pixel Pitch=+427", Yaw=-162"
Event 89/08/ GOES	# = 11799 '12,05:19 Start	D0Y=224 Peak	End times		\$19W36 Qual=00	Tot Cts=338	Pitch=+551", Yaw=-358", MaxkeV=102		,Roll=-20deg	H. Ang=44deg
HXRBS BCS FCS UVSP	05:16:31 05:17 04:59	05:17:01 05:19	05:1/:1/ 05:40	CaPeak.c/s-75 Wavelength=2788A	1	FePeak=05:17 Exp #=93934	FePeak.c/s=9 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s XI Cad=1.02s 1 Pitch=+429",	XEN=9224Ub 1.024s/pixel ",Yaw=-172"
Event 89/08 60ES BCS FCS UVSP	Event # = 23073 89/08/12,05:54 Start GOES BCS 05:47 FCS UVSP 05:56	DOY=224 Peak 05:54	End times 05:58	CaPeak.c/s=30 Wavelength=2788A	Qua]=00 Qua]= 1	FePeak=05:54 Exp #=93935	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+431",	XEN-922407 1.024s/pixel ", Yaw=-178"
Event 89/08	Event # = 11800 89/08/12,06:02	DOY=224	Fnd times	SMM Pointing:	S19W36		Pitch=+551",Yaw=-358",Roll=-20deg	v=-358", Rol	1=-20deg	H.Ang=44deg
GOES HXRBS UVSP	06:02:33 05:56	06:02:41	06:02:33 06:02:41 06:03:02 05:56	Peakc/s=43 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=171 Exp #=93935	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+431	Pitch=+431",Yaw=-178"
Event 89/08 80ES BCS FCS UVSP	Event # = 23074 89/08/12,07:09 Start GOES 07:01 BCS 06:52 FCS 07:27	D0Y=224 Peak 07:09 07:07	End times 07:16 07:16	Importance=C3 CaPeak.c/s=77 Wavelength=2788A	Qual=01 Qual= 1	FePeak=07:07 Exp #=93937	FePeak.c/s=17 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s X Cad= 262s 1 Pitch=+434",	XEN=922408 1.024s/pixel 1", Yaw=-188"
Even 89/0	1, # = 1180 3/12,07:40	D0Y=224	nami+ bun	SMM Pointing:	S19W37		Pitch=+553",Yaw=-368",Roll=-20deg	w=-368", Ro	11=-20deg	H.Ang≃44deg
GOES HXRBS BCS FCS IVSP	0000 C	07:35 07:35	07:36 07:36	Importance=C7 Peakc/s=38 CaPeak.c/s=36 Wavelength=2788A	Qual=02 Qual=01 Qual= 2 F	Tot Cts=260 FePeak=07:35 Exp #=93937	MaxkeV=102 FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+434"	XEN=922409 1.024s/pixel 4", Yaw=-188"
Radio	•	ncy(MHz)/	Frequency(MHz)/Flux(sfu):	4995/60 8800/310	15400/42	0:				

Si5W40	Event 89/08/	F = 2307	5								
08:02 08:06   HaClass=1N   Sibw40   08:01 08:41   GaPeak.c/s=392   Qual=05   FePeak-08:11   FePeak.c/s=29   FePeak-08:11   08:01 08:41   GaPeak.c/s=392   Qual=05   FePeak-08:11   FePeak.c/s=13   FePeak.c/s=393   08:01 08:41   GaPeak.c/s=392   Qual=05   FePeak-08:16   FePeak.c/s=13   FePeak=1   GaPeak.c/s=38   08:04 08:53   CaPeak.c/s=23   Qual=0   09:04 08:05   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:04 09:08   CaPeak.c/s=24   Qual=0   09:09   CaPeak.c/s=24   Qual=0   00:09   CaPeak.c/s=3   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=4   Qual=0   00:09   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   00:09   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPeak.c/s=5   CaPe		Start	Peak								
DOY=224  Box = 10 times    Mavelength=2788A Code=02	SOES SCS SCS	)7:5 )8:1	08:02 08:11	08:26 08:41	HaClass=1N Importance=M3 CaPeak.c/s=392	\$15W40 Qual=05 Qual= 5		9	Carr.Lon.		H.Ang=45deg
DOY=224  DOY=224  DOY=224  DOY=224  DOY=224  DOY=224  DOY=224  End times  Oual=00  O9:04  O9:08  CaPeak.c/s=24  DOY=224  End times  Exp #=93939  Exp #=	VSP VSP	08:05			Wavelength=2788A			<b>J</b> = .	Step=0" Step=0" Step=0"		AEM=92241U 1.024s/pixel 5" Yaw=-192"
08:49 08:53 CaPeak.c/s=23 Qual= 1 FePeak=08:46 Rast=240"x240" Step=16" Pitch+4437  DOY=224 End times  Wavelength=2788A End times  Wavelength=2788A End times  Wavelength=2788A End times  Wavelength=2788A End times  Wavelength=2788A End times  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4437  DOY=224 Qual=00 Exp #=93939 Rast=180"x1" Step=0" Pitch+4437  Rast=240"x240" Step=15" Cad= 265s  Rast=240"x240" Step=15" Cad= 265s  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4437  Rast=240"x240" Step=15" Cad= 265s  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4437  Rast=240"x240" Step=15" Cad= 265s  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4437  Rast=240"x240" Step=15" Cad= 265s  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4564"  Rast=240"x240" Step=15" Cad= 265s  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4564"  Rast=240"x240" Step=15" Cad= 265s  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4564"  Rast=240"x240" Step=15" Cad= 265s  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch+4564"  Rast=240"x240" Step=16" Pitch+4564"  Rast=240"x240" Step=16" Cad=1.02s  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch+564"  Rast=240"x240" Step=10" Pitch+564", Yaw=-409", Roll=-20deg In Incom=0.00 Cad= 0.0	vent 4 9/08/1	2,08:49									
DOY=224 End times  Havelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4437  DOY=224 End times  HaClass=SN S16431  DOY=224 End times  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch+4437  DOY=224 End times  HaClass=SN S16431  DOY=224 End times  HaClass=SN S16431  DOY=224 End times  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch=4437  DOY=224 End times  HaClass=SN S16431  DOY=224 End times  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch=4437  DOY=224 End times  HaClass=SN S16431  DOY=224 End times  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch=4437  DOY=224 End times  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Pitch=4437  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4437  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4437  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4437  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93941 Rast=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93944 Rest=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93944 Rest=180"x1" Step=0" Pitch=4564  DOY=224 End times  Wavelength=2788A Exp #=93944 Rest=180"x1" Step=0" Pitch=4562  DOY=224 End times  Wavelength=2788A Exp #=93944 Rest=180"x1" Step=0" Pitch=4562  DOY=224 End times  Wavelength=2788A Exp #=93944 Rest=180"x1" Step=0" Pitch=4562  DOY=224 End times  Wavelength=2788A Exp #=93944 Rest=180"x1	SSS	08:46	08:4	08:53	CaPeak.c/s=2	Qual=00 Qual= 1	FePeak=08:46	FePeak.c/s=13			XFN=000A11
DOY=224 Peak End times  O9:04 O9:08 CaPeak.c/s=24 Qual=00  O9:04 O9:08 CaPeak.c/s=24 Qual=0  O9:04 O9:08 CaPeak.c/s=24 Qual=0  O9:04 O9:08 CaPeak.c/s=24 Qual=0  O9:04 O9:08 CaPeak.c/s=24 Qual=0  O9:04 O9:08 CaPeak.c/s=24 Qual=0  O9:04 O9:08 CaPeak.c/s=24 Qual=0  O9:04 O9:08 CaPeak.c/s=24 Qual=0  O0:05 CaPeak.c/s=38 S16W31  DOY=224 End times  HaClass=SW S16W31  Out=00	VSP	09:01			Wavelength=2788A		Exp #=93939	Rast=240"x240" Rast=180"x1"			1.024s/pixel ",Yaw=-198"
09:04 09:08	vent # 9/08/1	= 23077 2,09:04 Start	DOY=22 Peak								
DOY=224 End times  Wavelength=2788A Exp #=93939 Rast=180"x1" Step=0" Fitch=+437.  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Code=00  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Exp #=93941  DOY=224 End times  Wavelength=2788A Code=00  DOY=224 End times  Wavelength=2788A Code=00  DOY=224 Exp #=93944  DOY=224 End times  Wavelength=2788A Code=00  DOY=224 Exp #=93944  DOY=224 End times  Wavelength=2788A Code=00  DOY=224 End times  Wavelength=278		09:02	09:04	80:60	ak.c/s=2	Qual=00 Qual= 4	FePeak=09:03	FePeak.c/s=6		dt= 7.7s	XFN=Q22412
DOY=224  Peak End times HaClass=SN S16W31  O9:04 09:08	VSP	09:01			Wavelength≈2788A			Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=+437	1.024s/pixel ",Yaw=-198"
09:04 09:08	/ent # 9/08/1 otical	= 23078 2,09:04 Start	D0Y=22 Peak		Class=SN	S16W31			Carr. Lon.	=69dea	H. Ann=38den
DOY=224	i S	20:60	09:04	80:60	ak.c/s=24	Qual=00 Qual= 4	FePeak=09:03	FePeak.c/s=6		dt= 7.7s	XFN*402412
DOY=224         SMM Pointing:         S19W38         Pitch=+559", Yaw=-388", Roll=-20deg           Peak         Federal         Peak         Carr.Lon.=68deg           10:35:51         HaClass=SN         S16W31         Carr.Lon.=68deg           10:35:51         HaClass=SN         S16W31         Carr.Lon.=68deg           10:35:51         HaClass=SN         Gual=00         Tot Cts=164         Maxkev=102           10:37         Losdeak.c/s=49         Qual=2         FePeak=10:37         FePeak.c/s=11         #Peaks=3         dt= 7.75           Mavelength=2788A         End times         Cad=EPL         N27E90         Rast=180"x1"         Step=0"         Pitch=+564"           12:54         Importance=C5         Qual=05         Qual=05         Carr.Lon.=306deg           12:54         Importance=C5         Qual=05         Peaks.c/s=21         Qual=05           12:55         Last=11         FePeak=12:55         FePeak=12:55         FePeak=20"x0"           12:57         Wavelength=2788A         Code=FOL         Cad=1.052           Maxeel=10:37         Rest=20"x0"         Step=0"         Cad=1.02s           Rest=10:37         FePeak=12:55         FePeak=20"x0"         Cad=1.02s           Rest=200         Rest=200	SP	9:01			₩avelength=2788A			Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=+437	1.024s/pixel ", Yaw=-198"
HaClass=SN   S16W31   Carr.Lon.=68deg	ent # /08/12	= 11804 2,10:37 start	D0Y=224 Peak	End		S19W38		Pitch=+559", Yaw	=-388", Rol	1=-20deg	H.Ang=46deg
10:35:51 10:36:40 Peakc/s=35 Qual=01 Tot Cts=164 MaxkeV=102 Step=0" Cad=1.02s Navelength=2788 Exp #=93941 Rast=180"x1" Step=0" Cad=1.02s Navelength=2788 End times Code=EPL N2F90 Qual=05 I2:55 I2:57 CaPeak.c/s=21 Qual=05 Rast=180"x1" Step=0" Cad=1.02s Rast=0" Step=0" Cad=1.02s Rast=0" Step=0" Cad=1.02s Rast=0" Step=0" Cad=1.02s Rast=0" Cad=1.02s Rast=180"x1" Step=0" C	tical ES				Class=SN	\$16W31			Carr.Lon.	-68deg	H.Ang≖38deg
DOY=224 SMM Pointing: S19W40 Pitch=+564", Yaw=-409", Roll=-20deg  Peak End times Code=EPL N27E90 Carr.Lon.=306deg  12:47 12:56 Importance=C5 Qual=01 Tot Cts=200 MaxkeV=102 Febeak.c/s=7 (23Feb=0.) Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Cad=1.02s Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Cad=1.0	RBS S	0:35:46 9:43	10:35 10:37			Qual=01 Qual=2 Qual= 2	Tot Cts=164 FePeak=10:37	MaxkeV=102 FePeak.c/s=11		dt= 7.7s	XFN=922413
D0Y=224 SMM Pointing: S19W40 Pitch=+564", Yaw=-409", Roll=-20deg Peak End times Code=EPL N27E90 Carr.Lon.=306deg 12:47 12:56 Importance=C5 Qual=05 FePeak102 FePeak102 FePeaks=1 dt= 7.7s 12:54:11 12:54:40 Peakc/s=21 Qual= 4 FePeak=12:55 FePeak/s=7 #Peaks=1 dt= 7.7s Wavelength=2788A Code=00 Exp #=93944 Rast=10" C46=1.02s	SP.	0:33					Exp #=93941	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=+564"	1.024s/pixel, Yaw=-388"
Code=EPL N27E90 Carr.Lon.=306deg II:43 12:56 Importance=C5 Qual=05	ent # /08/12 S	= 11802 12:47 tart	DOY=22 Peak	End times	Pointing:	S19W40		Pitch=+564",Yaw	409", Roll	ĺ	H. Ang=47deg
.c	tical ES 1 RBS 1	2:43 2:53:28	12:47 12:54:11	12:56 12:54:40			Tot Cts=200	MaxkeV=102	Carr.Lon.*	:306deg	H.Ang≈87deg
	SP 1	2:41	66:31	76:51	₩		FePeak=12:55 Exp #=93944			dt= 7.7s Cad=1.02s Ditch=+568"	XEN=922415. 1.024s/pixel " vau= App:

DOY=224 Peak 14:27 18:1 14:21 14:28 15:14 14:28 15:18 15:18 15:18 15:54 16:15:54 16:17:28:15 17:28 19:03 19:03 19:03	-	CaPeak.c/s=26	Qual= 3	FePeak=13:40	FePeak.c/s=7 Das+=0"×0"		dt= 7.7s X	XEN=922416
DOY=224 End Peak End 14:21:34 15:14:28 15:14:28 15:18 15:18 15:18 15:18 15:18 15:54 End Peak		Wavelength=2788A		Exp #=93945	Rast=180"x1"		Pitch=+569	', Yaw=-408"
14:27 18:0 14:27 18:0 14:28 15:14:0 14:28 15:18 15:18 15:18 15:18 15:18 15:18 15:18 15:18 15:18 15:18 15:18 15:18 15:19:03 19:		SMM Pointing:	S19W40		Pitch=+564", Yaw	, Yaw=-409", Rol	,Roll=-20deg	H.Ang=47deg
14:21:34 18:14:28 15:14:28 15:18 15:18 15:18 15:18 15:18 15:18:15:18 15:54 End Peak			S17W36	AR5629	Mac.=EKC	Carr.Lon.=71deg	=71deg	H.Ang≖43deg
Type/Inten Type/Inten 15:18 15: 15:18 15: 15:54 16: 17:28:15 17: 17:26:15 17: 17:26 18: 17:26 18: 17:26 18: 17:26 18: 17:26 18: 17:26 18: 17:26 18: 17:26 18:		cance=x3 c/s=7580	Qual=03 Qual=14	Tot Cts=2.90E+6	MaxkeV=420	Flags=M5,	SN, EN, IS, DG	Dur=420sec
Type/Inten 		CaPeak.c/s=7572	Qual= 4	FePeak=14:21	FePeak.c/s=5442	#Peaks=1	dt= 7.7s	XEN=922417
Frequency(MHZ)/Flux( 15:18 15:18 15: 15:09 15:54 16: 15:53 15:54 16: 15:53 15:54 16: 15:47 16: 2,17:26 DOY=224 End 17:25 17:28:15 17: 17:28 02 17:28:15 17: 17:25 17:26 18: 17:18 End 2,19:03 DOY=224 End 2,19:03 DOY=224 End 18:57 19:03 19: 18:57 19:03 19: 18:57 19:03 19: 18:57 19:03 19: 2,20:31 DOY=224 End 2,3083 End 2,20:31 DOY=224 End 3,40 End		davelength=2788A	Code=00	Exp #=93946	Rast=180"x1"	Step=0"		', Yaw=-231"
15:18 15:18 15:18 15:18 15:54 16:18:17:28:15 17:17:28:15 17:17:26 18:19:03 19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:03 19:19:19:03 19:19:19:03 19:19:19:03 19:19:19:03 19:19:19:03 19:19:19:19:19:19:19:19:19:19:19:19:19:1		245/8700 410/6600	0 606/2600	1415/3600 2695/		8800/5300	15400/6800	1
15:54 16:  DOY=224 End Peak 17:28:15 17: 17:26 18: 17:26 18: 19:03 19: 19:03 19: Peak End Peak		CaPeak.c/s=114 Qual= 5 FePeak=15:18 FePeak.c/s=48	Qual= 5	FePeak=15:18	FePeak.c/s=48	#Peaks=1	7.75	=9224 24s/n
15:54 16: DOY=224 End 17:28:15 17: 17:26 18: DOY=224 End Peak End 19:03 19:		Wavelength=2788A	7	Exp #=93947	Rast=180"x1"			", Yaw=-237"
DOY=224 Peak 17:28:15 17: 17:26 18: 17:26 18: 19:03 19: 19:03 19: Peak Peak Feak Feak Feak Feak Feak Feak Feak F	51 - 5	CaPeak.c/s=1038	Associated Qual= 5	Event # = 23001 FePeak=15:54	FePeak.c/s=95	#Peaks=1	dt= 3.8s	
DOY=224 End Peak End 17:28:15 17: 17:26 18: 18: 19:03 19: 19: 00 Peak End P	_	Wavelength=2788A		Exp #=93948	Rast=180"x1"			, Yaw=-241"
17:28:15 17: 17:26 18: D0Y=224 End Peak End 19:03 19: D0Y=224 End	times	SMM Pointing:	S19W42	Andreas and the state of the st	Pitch=+570",Yaw	, Yaw=-429", Rol	, Roll=-20deg	H.Ang=49deg
DOY=224 End Peak End 19:03 19:	17:30:59   18:22	Peakc/s=39 CaPeak.c/s=147	Qual=00 Qual=01 Qual= 5	Tot Cts=397 FePeak=17:26	MaxkeV=102 FePeak.c/s=9	#Peaks=1	dt= 3.8s X	XEN=922420
DOY=224 End Peak End 19:03 19:03 Peak End Peak End Peak End	_	Wavelength=2788A		Exp #=93950	Rast=180"x1"		Cau- 2023 Pitch=+451	", Yaw=-250"
19:03 D0Y=224 Peak	d times		00 100					
D0Y=224 Peak	19:56	CaPeak.c/s=58	Qual= 5	FePeak=19:13	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=922421
D0Y=224 Peak		Wavelength=2788A		Exp #=93952	Rast=180"x1"			
	End times		00-10-0					
20:31	21:28	CaPeak.c/s=33	Qual=00 Qual= 5	FePeak=20:50	FePeak.c/s=7	#Peaks=1 Sten=5"	dt= 7.7s	XEN=922422
UVSP 20:33		Wavelength=2788A		Exp #=93954	Rast=243"x243"		Pitch=+584	

89/08/12,22:29	2:29 DOY=224		SMM Pointing:	S19W45		Pitch=+577", Yaw=-459"	W=-459", Ro]	, Roll=-20deg	H.Ang≖51deg
GOES HXRBS 22:2 BCS 22:0	22:25:32 22:26:03 22:03 22:29		Peakc/s=47 CaPeak.c/s=67	Qual=01 Qual=01 Qual= 1	Tot Cts=659 FePeak=22:28	MaxkeV=102 FePeak.c/s=17			XEN=922423
VSP 22:2	24		Wavelength=1375A		Exp #=93960	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s 1 Pitch=+558",	1.024s/pixel ", Yaw=-519"
Event # = 2	23084		Alta-	89/08/1	3 DOY=225				
വ വ	/13,04:14 D0Y=225 Start Peak	End times		,					
BCS 04:12	12 04:14	04:20	CaPeak.c/s≖40	Qual=00 Qual= 1	FePeak=04:14	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=922500
VSP 04:15	15		Wavelength=1375A		Exp #=93985	Kast=U"xU" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+594",	1.024s/pixel ",Yaw=-486"
Event # = 11946 89/08/13,05:50 Start	11946 5:50 DOY=225 rt Peak	End times	SMM Pointing:	S19W49		Pitch=+587", Yav	, Yaw=-500", Roll=-20deg	]=-20deg	H.Ang=54deg
GOES HXRBS 05:50: UVSP 05:50	50:36 05:50:42 50	2 05:50:50	Peakc/s=46 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=119 Exp #=93995	MaxkeV=102 Rast=50"x50"	Flags=I Step=5"	Pitch=+558"	", Yaw=-572"
/ent # = ] 3/08/13,06 Star	11947 5:27 DOY=225	Fnd +imes	SMM Pointing:	S19W50		Pitch=+589", Yaw=-510", Roll=-20deg	w=-510", Rol	]=-20deg	H.Ang=55deg
GOES 06:24 CHARBS 06:24:01 CHARBS 06:24:01 CHARBS 06:25 CHARBS CH	24:01 06:24:17 24:01 06:24:17 25 06:26	06:31 06:24:36 06:31	Importance=C3 Peakc/s=176 CaPeak.c/s=71	Qual=01 Qual=01 Qual= 1	Tot Cts=1390 FePeak=06:25	MaxkeV=144 FePeak.c/s=17		dt= 3.8s	XEN=922501
	06:24 Frequency(MHz)/Flux(sfu)	••	Wavelength=1375A Code=00 8800/26 15400/140	Code=00	Exp #=94002	Rast=240"x240" Rast=30"x30"	Step=15" Step=5"	Cad= 262s 1 Pitch=+558",	1.024s/pixel ', Yaw=-570"
Event # = 11948 89/08/13,07:22 Start	1948 7:22 DOY=225	Fod +	SMM Pointing:	S19W50		Pitch=+589", Yaw	, Yaw=-510", Roll=-20deg	1=-20deg	H.Ang≖55deg
otical S 07:1	6 07:22	o7:35		S22W55	AR5629	Mac.=FKC	Carr.Lon.=81deg	=81deg	H.Ang=61deg
HXRBS 07:16: BCS 07:17 FCS	6:38 07:19:13 7 07:21	07:21:53 07:41	Peakc/s=2347 CaPeak.c/s=581	Qual=03	Tot Cts=1.20E+5 FePeak=07:20	MaxkeV=321 FePeak.c/s=185	Flags=M5 #Peaks=1	, ES dt= 3.8s	XEN=922502
0	renc		Wavelength=1375A Code=00 Exp #=94003 1415/64 2695/38 4995/39 8800/170 15400/400	Code=00 1995/39_88	Exp #=94003 300/170_15400/40		Step=15" Step=5"	Cad= 262s Pitch=+598'	1.024s/pixel ',Yaw=-503"
	07	•	caPeak.c/s=29	Qual= 5	Event # = 23085 FePeak=07:42	FePeak.c/s=13	#Peaks=1	dt= 7.7s x	XEN-922503
07:3	4		Wavelength=1375A		Exp #=94007	Rast=240"X240" Rast=30"x30"	Step=15	Cad= 2628 Di+ch=+560"	1.024s/pixel

D0Y=225 Peak E	End times 09:32 (	CaPeak.c/s=33 Q Wavelength=2788A	Qual=00 Qual= 1 F	FePeak=09:25 Exp #=94014	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s XI Cad=1.02s 1 Pitch=+472",	XEN=922504 1.024s/pixel ", Yaw=-343"
00Y=225 Peak 11:00	End times 11:03 (	CaPeak.c/s=23 ( Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=10:59 Exp #=94016	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+474"	XEN-922505 1.024s/pixel ",Yaw=-351"
DOY=225 Peak 11:13	End times 11:17	CaPeak.c/s=20 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=11:13 Exp #=94016	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X  Cad=1.02s 1 Pitch=+474",	XEN=922506 1.024s/pixel ",Yaw=-351"
DOY=225 Peak 11:55 11:51:38 11:54	End times 11:58 11:52:13 11:56	SMM Pointing: Importance=C3 Peakc/s=85 CaPeak.c/s=20 Wavelength=2788A	\$19W52 Qual=01 Qual=01 Qual= 5 Code=00	Tot Cts=1080 FePeak=11:55 Exp #=94017	Pitch=+594", Yaw=-531", Roll=-20deg MaxkeV=102 Flags=I fePeak.c/s=6 #Peaks=1 dt= 7.7 Rast=0"x0" Step=0" Cad=1.0 Rast=180"x1" Step=0" Pitch=+	Flags=I FPaks=I FPeaks=1 Step=0" Step=0"	s 2s 475	H.Ang=57deg XEN=922507 1.024s/pixel ", Yaw=-354"
DOY=225 Peak 13:24:44 13:25 cy(MHz)/Fl	= 11953 13:25 D0Y=225 tart Peak End times 3:24:28 13:24:44 13:24:57 3:25 13:25 13:25 5:33 Frequency(MHz)/Flux(sfu):	SMM Pointing: HaClass=SF Peakc/s=512 CaPeak.c/s=34 Wavelength=1375A 4995/93 8800/210	S19W53 S19W54 Qual=00 Qual=01 Qual= 5 15400/310	AR5629 Tot Cts=3040 FePeak=13:25 Exp #=94019 0	Pitch=+596", Yaw=-541" Mac.=FKC Carr. MaxkeV=231 Flags FePeak.c/s=10 #Peak Rast=0"x0" Step= Rast=265"x265" Step=	=-541" Carr. Flags #Peak Step= Step=	,Roll=-20deg Lon.=77deg =I dt= 7.7s 0" Cad=1.02s 5" Pitch=+604	=-20deg H.Ang=58deg 77deg H.Ang=59deg dt= 7.7s XEN=922508 Cad=1.02s 1.024s/pixel Pitch=+604", Yaw=-535"
DOY=225 Peak 14:01 14:11	End times 14:05 14:14	HaClass=SF Importance=C7 CaPeak.c/s=22 Wavelength=1375A	N29W63 Qual=05 Qual= 5 Qual= 5	AR5633 FePeak=14:11 Exp #=94025	Mac.=HAX FePeak.c/s=6 Rast=0"x0" Rast=30"x30"	Carr.Lon.*85deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=5" Pitch	-*85deg H dt= 7.7s X Cad=1.02s 1 Pitch=+582",	H.Ang=63deg XEN=922509 1.024s/pixe1 ", Yaw=-609"

09/00/13,13:03 Start Optical	03 D0Y=225 Peak	End times	=						
,			HaClass=SF	\$18¥56 Oual=05	AR5629	Mac.=FKC	Carr.Lon.=78deg	. =78deg	H.Ang=60deg
BCS 14:58 FCS	15:03	15:46	CaPeak.c/s=117	Qual= 4	FePeak=15:02	FePeak.c/s=17			
SP 15:03			Wavelength=137	5A	Exp #=94028	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s Pitch=+606"	1.024s/pixel
Event # = 2309 89/08/13,15:53 Start Start	)91 53 D0Y=225 Peak	End times							
805 BCS 15:52 FCS	15:53	15:55	CaPeak.c/s≈26	Qua]=00 Qua]= 2	FePeak=15:53	FePeak.c/s=9			XFN=922511
3P 15:39			Wavelength=1375A	Ą	Exp #=94036	Rast=240"x240" Rast=30"x30"	Step=15" Step=5"	Cad= 262s Pitch=+57	1.024s/pixel 4", Yaw=-617"
Event # = 23092 89/08/13,16:32 Start	192 12 DOY=225 Peak	End times							
Optical GOES 16:18	16:32	16:45	HaClass=SF Importance=C4	N15E57 Oual=04	AR5643	Mac.=DKI	Carr. Lon. =324deg	.=324deg	H.Ang=56deg
16:30	16:31	17:22	CaPeak.c/s=118	Qual= 4	FePeak=16:30	FePeak.c/s=13	#Peaks=1		XFN*Q22512
P 16:34			₩avelength=1375A	A Code=02	Exp #=94037	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+608",	1.024s/pixel ",Yaw=-549"
Event # = 11808 89/08/13,19:48 Start	08 8 D0Y=225 Peak	End times	SMM Pointing:	S19W56		Pitch=+602", Yaw=-572",	v=-572", Rol	, Roll=-20deg	H.Ang=61deg
S 19:45		19:50	HaClass=SF Importance=C3	S18₩53 Qual=01	AR5629	Mac.=FKC	Carr.Lon.=72deg	=72deg	H.Ang=58deg
HAKES 19:46:56 BCS 19:47 ECS	56 19:47:10 19:48	19:47:45 19:51	Peakc/s=59 CaPeak.c/s=40	Qua]=01 Qua]= 1	Tot Cts=500 FePeak=19:48	MaxkeV=102 FePeak.c/s=10	#Deaker	7 × 7	VEW_022512
19:41			Wavelength=1375A	A Code=00	Exp #=94057	Rast=0"x0" Rast=10"×10"	Step=0"	Cad=1.02s 1	1.024s/pixel
HXRBS 19:45:34		19:45:43 19:46:04	Peakc/s=64	Associated Qual=01		MaxkeV=102	1	1101111393	, raw*-bol.
Event # = 23093 89/08/13,20:25 Start	3 5 D0Y=225 Peak	End times							
Optical GOES 20:20	20:25		HaClass=SF Importance=C4	\$15W51 0ual=05	AR5629	Mac.=FKC	Carr.Lon.=70deg	=70deg	H.Ang=55deg
20:29	20:30		CaPeak.c/s=55	(ua)= 5	FePeak=20:30	FePeak.c/s=8		dt* 7.7s	XEN=922514
20:52		_	Wavelength=1375A	Code=00	Exp #=94063	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s 1 Pitch=+593".	1.024s/pixel .Yaw=-604"
Event # = 23094 89/08/13,21:26 Start	4 D0Y=225 Peak	End times							8
BCS 21:08	21:26	21:54 (	CaPeak.c/s=57	Qua]=00 Qua]= 1	FePeak=21:26	FePeak.c/s=12		dt= 3.8c	YEN=022515
21:14			Mavelenath=1276A			Rast=240"x240"	Step=15"	Cad= 262s 1	1 02/6/01/01

9/08/1 ptical	89/08/13,22:46 Start Optical	DOY= Peak	times	Class=1F	S17W62	AR5629	Mac.=FKC	Carr.Lon.=80deg	±80deg	H.Ang=66deg
BCS S	22:23 22:38	22:46 22:45	22:50 23:32	Importance=04 CaPeak.c/s=114	Qual=04 Qual= 1	FePeak=22:45	FePeak.c/s=19	#Peaks=1 C+en=15"	dt= 3.8s	XEN=922516
VSP VSP	22:46			Wavelength=1375A	Code=02	Exp #=94067	Rast=70"x70"	Step=5"	Pitch=-818"	", Yaw=-351"
					89/08/17	4 D0Y=226				
Event # 89/08/14	= 11809 4,00:25	DOY=226		SMM Pointing:	S20W58		Pitch=+607", Yaw	, Yaw=-589", Rol	, Roll≈-20deg	H.Ang=63deg
GOES HXRBS UVSP Radio	Start 00:22 00:23:18 00:22 Frequency	tart Peak End tim 0:22 00:25 00:28 0:23:18 00:23:52 00:24:5 0:22 Frequency(MHz)/Flux(sfu)	ა ლ	Importance=C5 Peakc/s=717 Wavelength=2788A 15400/98	Qual=01 Qual=01 Code=00	Tot Cts=8043 Exp #=94069	MaxkeV=275 Rast=39"x39"	Step=3"	Pitch=+587"	', Yaw=-573"
Event # 89/08/14	# = 11810 $14,00:34$	D0Y=226		SMM Pointing:	S19W59		Pitch=+607", Yaw	, Yaw=-599", Roll=-20deg	]=-20deg	H.Ang=64deg
GOES HXRBS UVSP	Start 00:33:26 00:22	Peak 00:34:05	End times 00:34:41	Peakc/s=46 Wavelength=2788A	Qua1=00 Qua1=01	Tot Cts=292 Exp #=94069	MaxkeV=102 Rast=39"x39"	Step=3"	Pitch=+587"	", Yaw≈-573"
vent #	Event # = 11811 89/08/14,00:53	D0Y=226		SMM Pointing:	S19W59		Pitch=+607", Yaw	, Yaw=-599", Rol	, Roll=-20deg	H.Ang=64deg
ptical	Start	Peak	End times	HaClass=3B	S16W60	AR5629	Mac.=EKI	Carr.Lon.=76deg	=76deg	H.Ang=64deg
GÓES HXRBS (	00:39 00:39:26	00:53 00:43:12	03:53 01:08:31	Importance=X4 Peakc/s=53950	Qua]=03 Qua]=11	Tot Cts=1.39E+7	MaxkeV=860	Flags=M5,IN,DG		70.00
SSS	00:42 01:43	01:44	00:52:00 02:41	CaPeak.c/s=2251	Qual= 5	FePeak=01:44	FePeak.c/s=375	#Peaks=1	dt= 3.8s	XEN=922601
FCS UVSP Radio	$\sim$	0:22 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 4995/2600 8800/42	Code=00 200 15400	ength=2788A Code=00 Exp #=94069 2600 8800/4200 15400/12000	Rast=39"x39"		Pitch=+587	", Yaw=-573"
Event #89/08/1	t # = 11812 3/14,04:05	D0Y=226	:	SMM Pointing:	S19W61		Pitch=+609", Yaw	, Yaw=-610", Rol	, Roll=-20deg	H.Ang=65deg
ptical	Start		End times	HaClass=SF	S16W63	AR5629	Mac.=EKI	Carr.Lon.=78deg	=78deg	H.Ang=66deg
GOES HXRBS BCS 66	04:00:47 03:15	04:02:41 04:05	04:03:48 04:13	Peakc/s=143 CaPeak.c/s=432	Qual=03 Qual=01 Qual= 1	Tot Cts=4043 FePeak=04:03	MaxkeV=102 FePeak.c/s=79 Bast=240"x240"	#Peaks=2 Sten=15"	dt= 7.7s Cad= 262s	XEN=922602 1.024s/bixel
VSP JVSP Radio	04:05 Frequen	04:05 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 15400/81		Exp #=94074	Rast=180"x1"	Step=0"		", Yaw=-429"
sy/08/	Event # = 23097 89/08/14,04:13 Start Optical	D0Y=226 Peak	End times	HaClass=SF	N26E77	AR5643	Mac.=HAX	Carr.Lon.	.=298deg	H.Ang=75deg
GOES BCS	04:13	04:13	04:14	CaPeak.c/s=19	yual=02 Qual= 5	FePeak=04:13	FePeak.c/s=7	#Peaks=1	dt= 7.7s X	XEN=922603
UVSP	04:05			Wavelength=2788A		Exp #=94074	Rast=180"x1"			", Yaw=-429"

Event 89/08,	Event # = 23098 89/08/14,04:49 Start	DOY=226 Peak	End times			The state of the s				
GOES	04:48	04:49	05:45	CaPeak.c/s=78	Qual=00 Qual= 5	FePeak=04:48	FePeak.c/s=8		dt= 3.8s	XEN=922604
UVSP	04:41			Wavelength=2788A		Exp #=94075	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+488	1.024s/pixel ", Yaw=-431"
Event 89/08/	Event # = 11813 89/08/14,06:34 Start	DOY=226	Fod + bas	SMM Pointing:	S19W62		Pitch=+610", Yaw=-620", Roll=-20deg	w=-620", Rol	1=-20deg	H.Ang=66deg
ptica Sofs	3 1335			HaClass=SF	\$13W27	AR5634	Mac.=FA0	Carr.Lon.=40deg	=40deg	H.Ang=33deg
HXRBS	06:30:18 ( 06:14	06:34:07	06:34:07 06:38:38	Peakc/s=42 Wavelength=2788A	_	Tot Cts=2176 Exp #=94077	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+490'	Pitch=+490",Yaw=-437"
vent 39/08/	Event # = 11814 89/08/14,06:43 Start	DOY=226 Peak	End times	SMM Pointing:	S19W62		Pitch=+610", Yaw=-620", Roll=-20deg	w=-620", Rol	]=-20deg	H.Ang=66deg
GOES HXRBS UVSP	06:42:43 07:09	06:43:07	06:43:11	Peakc/s=40 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=99 Exp #=94078	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+490"	', Yaw=-441"
vent 9/08/	Event # = 11815 89/08/14,06:44 Start	DOY=226 Peak	End times	SMM Pointing:	S19W62		Pitch=+610", Yaw=-620", Roll=-20deg	w=-620", Rol	]=-20deg	H.Ang=66deg
GOES HXRBS UVSP	06:44:11 07:09	06:44:11 06:44:22 07:09	06:44:42	Peakc/s=39 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=127 Exp #=94078	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+490"	', Yaw=-441"
vent 9/08/	Event # = 11817 89/08/14,07:07	DOY=226	1	SMM Pointing:	S19W62		Pitch=+610", Yaw=-620", Roll=-20deg	v=-620", Rol	]=-20deg	H.Ang=66deg
otica JFS	]  }  07:00	reak 07:07	27.00		S16W65	AR5629	Mac.=EKI	Carr.Lon.=78deg	=78deg	H.Ang=68deg
HXRBS BCS BCS	)7:04:32 )6:20	07:04:43 07:06	)7:06:22 )7:17	Peakc/s=101 CaPeak.c/s=235	Qual=01 Qual=01 Qual= 1	Tot Cts=3145 FePeak=07:06	MaxkeV=102 FePeak.c/s=63	#Peaks=3	dt= 3.8s	XEN=922605
UVSP	07:09	1	•	Wavelength=2788	3A Code=02 Associated	Exp #=94078 Event # = 11816	Rast=0"x0" Rast=180"x1" 	Step=0" Step=0"	~ ·	1.024s/pixel ',Yaw=-441"
HXRBS	65:65:90	0/:00:19		kc/s=101	Qua]=01		MaxkeV=102			
vent 9/08/	Event # = 23099 89/08/14,08:23 Start	D0Y=226 Peak	End times		00 [5:0					
BCS.	07:52	08:23	08:31	CaPeak.c/s=29	Ųual≕00 Qual= 4	FePeak=08:23	FePeak.c/s=13	_	dt= 7.7s	XEN=922606
SS.	08:42			Wavelength=2788A		Exp #=94080	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+491",	1.024s/pixel ,Yaw=-447"

E -	<b>5</b>	6	66 s	eg 	Бө <u>-</u>
H.Ang=68deg XEN=922607 1.024s/pixel ", Yaw=-453"	H.Ang=68deg H.Ang=47deg ,Yaw=-453"	H. Ang=69deg H. Ang=70deg XEN=922608 1.024s/pixel ', Yaw=-455"	H.Ang=69deg H.Ang=46deg ', Yaw=-458"	H.Ang=71deg XEN=922609 1.024s/pixel ", Yaw=-461"	=-20deg H.Ang=69deg Pitch=+492",Yaw=-464"
s 22s 491	491"	9 7s 02s +492	,Roll=-20deg	dt= 3.8s Cad= 262s Pitch=+492"	,Roll=-20deg .0" Pitch=+492
631", Roll= Flags=I #Peaks=1 Step=0" Step=0"	,yaw=-631",Roll=-20deg Carr.Lon.=324deg Flags=I [" Step=0" Pitch=+	,Yaw=-641",Roll=-20de Carr.Lon.=300deg Flags=I Flags=I 6 #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	,Yaw=-641",Roll=-20de Carr.Lon.=324deg " Step=0" Pitch=	Carr.Lon.=77deg #Peaks=1 dt= 3 Step=15" Cad= Step=0" Pitch	,Yaw=-641",Rol " Step=0"
Pitch=+611", Yaw=-631", Roll=-20deg MaxkeV=102 Flags=1 dt= 7.7 FePeak.c/s=9	Pitch=+611", Yaw Mac.=EKI MaxkeV=231 Rast=180"x1"	Pitch=+613", Yaw Mac.=HAX MaxkeV=102 FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	Pitch=+613", Yav Mac.=EKI MaxkeV=102 Rast=180"x1"	Mac.=EKI FePeak.c/s=18 Rast=240"x240" Rast=180"x1"	Pitch=+613", Ya MaxkeV=102 Rast=180"x1"
Tot Cts=136 FePeak=09:57 Exp #=94082	AR5643 Tot Cts=23400 Exp #=94082	AR5645 Tot Cts=590 FePeak=10:58 Exp #=94083	AR5643 Tot Cts=205 Exp #=94084	AR5629 FePeak=12:29 Exp #=94085	Tot Cts=166 Exp #=94086
S19W64 Qual=00 Qual=01 Qual= 5	\$19W64 N15E47 Qual=03 Qual=01 Code=00	\$19W65 N29E71 Qual=04 Qual=01 Qual= 5 Code=00	\$19W65 N15E46 Qual=00 Qual=01	\$20W67 Qual=04 Qual= 1	\$19W65 Qual=00 Qual=01
SMM Pointing: Peakc/s=41 CaPeak.c/s=32 Wavelength=2788A	SMM Pointing: HaClass=1N Importance=M1 PeakC/s=467 Wavelength=2788A 8800/80 15400/72	SMM Pointing: S19W65  HaClass=SF N29E71  Importance=C6 Qual=04 Peakc/s=42 Qual=01 CaPeak.c/s=19 Qual= 5 Wavelength=2788A Code=00	SMM Pointing: HaClass=SF Peakc/s=48 Wavelength=2788A	HaClass=SF CaPeak.c/s=106 Wavelength=2788A	SMM Pointing: Peakc/s=38 Wavelength=2788A
S End times 09:58:19 P 09:58	s	End times 11:00 10:57:45 11:34	DOY=226 Peak End times 11:51:57 11:52:20	End times 13:26	DOY=226 Peak End times 13:22:06 13:22:26
DOY=226 Peak E 09:58:05 (	00Y=226 Peak 10:16 10:13:54 /(MHz)/F1	DOY=226 Peak 10:58 10:57:01 10:58	DOY=226 Peak 5 11:51:57	D0Y=226 Peak 12:30	
Event # = 12587 89/08/14,09:57 \$tart GOES HXRBS 09:57:57 BCS 09:24 FCS		Event # = 12589 89/08/14,10:58 Start Optical GOES 10:54 HXRBS 10:56:07 BCS 10:58 FCS 10:51	Event # = 11818 89/08/14,11:51 0ptical 60ES HXRBS 11:51:46 UVSP 11:46	Event # = 23100 89/08/14,12:30 Start Optical GOES BCS 12:29 FCS 12:22	# = 1181 14,13:22 Start 13:21:5
Event 89/08/188/1885 HXRBS PCS FCS UVSP	Event # 89/08/14 89/08/14 00tical GOES 1 HXRBS 1 UVSP 1 Radio	Event # 89/08/14 00tical 60ES HXRBS BCS FCS UVSP	Event # 89/08/14 89/08/14 60ES HXRBS UVSP	Event # 89/08/14 0ptical 60ES BCS FCS UVSP	Event 89/08/ 60ES HXRBS UVSP

End times  Havelength=2788A  Exp #=9408B  Rast=180"x1"  End times  HaClass=5F  Wavelength=2788A  Exp #=9408B  Exp #=9408B  Mac.=KI  Big.03  Hac.=KI  End times  HaClass=5F  Wavelength=2788A  Exp #=9408B  Exp #=9408B  Hac.=KI  Big.03  Exp #=9408B  Hac.=KI  Carr.Lon.=3deg  Hac.=KI  Hac.=KI  Hac.=KI  Hac.=KI  Hac.=KI  Carr.Lon.=3deg  Hac.=KI	ent # = 23									
14:50   14:54   CaPeak.c/s=39   Qual=00   CaPeak.c/s=39   Qual=00   CaPeak.c/s=39   Qual=00   CaPeak.c/s=39   Qual=01   CaPeak.c/s=37   Qual=01   CaPeak.c/s=37   Qual=01   CaPeak.c/s=37   Qual=01   CaPeak.c/s=37   Qual=01   CaPeak.c/s=37   Qual=01   CaPeak.c/s=34   CaPeak.c/s=35   Ca	/08/14,14: Start			,,,						
DOY-226   Pitch-idg2   Pitch-idg2   Pitch-idg2   Pitch-idg2   Pitch-idg2   Pitch-idg2   Pitch-idg2   Pitch-idg2   Pitch-idg3   Pitch-idg2   Pitch-	14	14:50	14:54	CaPeak.c/s=39	Qual=00 Qual= 1		FePeak.c/s=9	#Peaks=I	dt= 7.7s	XFN=922610
DOY-226   End times	SP 14:50	i		Wavelength=2788A		Exp #=94088	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+493	1.024s/pixel
15:35   16:24   Capeak.c/s=71   Qual=5   FePeak=15:35   FePeak=15:20   FePeak=15:35   FePeak=17:20   FePeak=15:35   FePeak=17:20   FePeak=15:35   FePeak=17:20   FePeak=15:35   FePeak=17:20   FePeak=15:35   FePeak=17:20   FePeak=15:35   FePeak=17:20   FePeak=16:37   FePeak=1	ent # = 23] 708/14,15: Start :ical		End	Ha	S21W85	AR5629	Mac. = FK	7 mg	0.000	7000
State-240"x240   Rast=-280"x1"   Step=-15"   Cad=-265		.:	16:24	CaPeak.c/s=71	Qua]=00 Qua]= 5	FePeak=15:35	FePeak.c/s=11	#Peaks=1		XFN=922611
DOY=226	P 15:28					Exp #=94089	Rast=240"x240" Rast=180"x1"			
17:22   18:03   CaPeak.c/s=74   Qual= 1   FePeak=17:20   FePeak.c/s=17   FePeak=16263   Rast=240"x240"   Step=15"   Cad= 262s   Rast=240"x240"   Step=15"   Cad= 262s   Rast=240"x240"   Step=10"   Pitch=+494     DOY=226	nt # = 231 08/14,17:2 Start ical	~	End time	Ha	N19E41	AR5643	Mac.=EKI	Carr.Lon.	=326dea	H. Ang=42den
DOY=226		17:22	18:03	ak.c/s=7	Qual=01 Qual= 1	FePeak=17:20	FePeak.c/s=17		dt= 3.8s	XFN=922612
18:57:20   18:57:34   Paktc/s=258   Qual=01   Tot Cts=723   Maxkev=102   Flags=ND   Pitch=+494	P 16:59			Wavelength=2788A		Exp #=94091	Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=+494	1.024s/pixel ", Yaw=-476"
18:59   19:04	16 # = 118 18/14,18:5 Start		End times	Pointing	S19W68		Pitch=+614", Yaw	=-662", Rol	1=-20deg	H. Ang=72deg
18:57:20 18:57:34 Peakc/s=45 Qual=01 Exp #=94093 Rast=180"x1" Step=0" Pitch=+494 Rast=180"x1" Step=0" Pitch=+494 Rast=180"x1" Step=0" Pitch=+494 Rast=180"x1" Step=0" Pitch=+494 Rast=180"x1" Step=0" Pitch=+494 Rast=180"x1" Step=10" Pitch=+494 Rast=180"x1" Step=10" Pitch=+494 Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=180"x1" Step=0" Pitch=+494" Pitch=+494" Step=15" Cad= 262s Rast=180"x1" Step=0" Pitch=+494" Pitch=+494" Step=15" Cad= 262s Rast=180"x1" Step=0" Pitch=+494" Pitch	ca] 3 18:55	18:59	19:04	HaClass=SF Importance=C5	S18W74 Oual=01	AR5629	Mac.=EKI	Carr.Lon.	-80deg	H.Ang=77deg
DOY=226 Peak End times  19:24	18:55:	18:57	18:57:34	Peakc/s=45 Wavelength=2788A	Qual=01 Code=01	Tot Cts=723 Exp #=94093	MaxkeV=102 Rast=180"x1"	Flags=ND Step=0"	Pitch=+494"	, Yaw=-481
19:31 19:37 CaPeak.c/s=260 Qual= 5 FePeak=19:31 FePeak.c/s=13 #Peaks=3 dt= 7.7s  Wavelength=2788A Code=02 Exp #=94094 Rast=180"x1" Step=15" Cad= 262s  BOY=226  Peak End times  20:26 20:31 Importance=C4 Qual=01 Tot Cts=1540 Maxkev=144  20:26:04 20:26:34 Peak.c/s=27 Qual=01 Tot Cts=1540 Raxkev=144  Zo:26:04 20:26:34 CaPeak.c/s=27 Qual=01 Tot Cts=1540 Raxkev=145 Rast=115"x115" Step=5" Cad=1083s  Type/Intensity: V/3  Powelength=1375A Code=00 Exp #=94096 Rast=110"x200" Step=5" Pitch=+589"	t # = 231( 8/14,19:24 Start cal 19:14		End times		\$17W63 0ual=05	AR5629	Mac.=EKI	Carr. Lon.=	69deg	H.Ang≈67deg
DOY=226	18:42 19:27		9:37	⋖	Qual= 5 Code=02	FePeak=19:31 Exp #=94094	FePeak.c/s=13 Rast=240"x240" Rast=180"x1"		dt= 7.7s Cad= 262s Pitch=+494"	XEN=922619 1.024s/pixel .Yaw=-484"
20:10	t # = 1182 8/14,20:26 Start		ı	ointing:	S19W70		Pitch=+614", Yaw	8		H.Ang=74deg
20:18	20:10 20:25:3 20:25:3	20:26 6 20:26:04 20:28	20:31 20:26:34 20:32			AR5643 Tot Cts=1540			323deg	H.Ang=43deg
	20:18 o Sweeps		tensity:	⋖		Fereak=ZU:Z8 Exp #=94096			dt= 7.7s Cad=1083s Pitch=+589"	XEN=922614 2.048s/pixel ,Yaw=-687"

BCS 20:12	- 20:12	20:13		Associated Qual= 5	Event # = 23105 FePeak=20:12	FePeak.c/s=6	#Peaks=1	dt= 7.7s X	XEN=922613
20:15			Wavelength=1375A		Exp #=94095			Pitch=+622"	Yaw=-658"
Event # = 23106 89/08/14,21:47 Start	106 47 D0Y=226 Peak	End times	Ha()]ass=1F	N17E41	AR5643	Mac.=EKI	Carr. Lon.=324deg	=324deg	H.Ang=41deg
GOES BCS 21:43	21:47	21:50	eak.c/s=2	Qual=00 Qual= 1	:46	FePeak.c/s=6		75	XEN=922618
21:48			Wavelength=1375A	ď	Exp #=94103	Rast=265"x265"	Step=5"	- ·	", Yaw=-663"
Event # = 11822 89/08/14,22:00	822 00 DOY=226	1	SMM Pointing:	S19W70		Pitch=+614",Yaw	, Yaw=-672", Roll	, Roll=-20deg	H.Ang=74deg
Start Optical Optical	ea X	Eria times	HaClass=1N HaClass=SF	S19W30 S18W73	AR5634 AR5629	Mac.≖FAO	Carr.Lon.=35deg Carr.Lon.=78deg		H.Ang=39deg H.Ang=76deg
GUES 21:56 HXRBS 21:57:29 BCS 21:53	:29 21:57:44 21:56	22:25 22:25	Importance=t5 Peakc/s=57 CaPeak.c/s=70	Qual=01 Qual=01 Qual= 1	Tot Cts≖328 FePeak=21:56	MaxkeV=102 FePeak.c/s=16	#Peaks=1	dt= 3.8s X	XEN=922615
21:50			Wavelength=1375A	A Code=00	Exp #=94104	Rast=0 x0 Rast=110"x200"		pitch=+549'	1.0243/PIACI
Event # = 11823 89/08/14,22:05	823 05 DOY=226 Deak	Fod + imp	SMM Pointing:	S19W70		Pitch=+614", Yaw	, Yaw=-672", Rol	, Roll=-20deg	H.Ang=74deg
GOES HXRBS 22:05 UVSP 21:50 Radio Freq			Peakc/s=73 Wavelength=1375A 15400/57	Qua]=00 Qua]=01 A	Tot Cts=585 Exp #=94104	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+549"	', Yaw=-691"
Event # = 23107 89/08/14,22:37 Start	107 37 D0Y=226 Peak	End times							
22:31	22:37	22:41	CaPeak.c/s=50	Qual=00 Qual= 1	FePeak=22:37	FePeak.c/s=11	#Peaks=1	dt= 7.7s X	XEN=922616
22:26			Wavelength=1375A	⋖	Exp #=94108	Rast=240 x240 Rast=110"x200"	Step=15 Step=5"	pitch=+549	", Yaw=-692"
				89/08/1	5 D0Y=227				
Event # = 11825 89/08/15,00:16	825 16 DOY=227		SMM Pointing:	S19W72		Pitch=+615",Yaw	, Yaw=-682", Rol	, Roll=-20deg	H.Ang=75deg
Start		End times	HaClass=SF		AR5629	Mac.≖EKI	Carr.Lon.=79deg	=79deg	H.Ang=78deg
60ES 23:19 HXRBS 23:44: BCS 23:15	49 00:01:2 23:28	00:12:48 00:13	Importance=m3 Peakc/s=1154 CaPeak.c/s=1963	Qual=03 Qual= 1	Tot Cts=2.08E+5 FePeak=23:27	MaxkeV=275 FePeak.c/s=579 Rast=240"x240"	Flags=M5, #Peaks=2 Sten=15"	EN dt= 7.7s Cad= 262s	XEN=922617 1.024s/pixel
UVSP 00:14 Radio Frequ	10:14 Frequency(MHz)/Flux(sfu)	Flux(sfu):	length=1375 57 2695/180	A Code=00 8800/950	Exp #=94117 15400/950	Rast=265"x265"		Pitch=+622	", Yaw=-670"
HXRBS 23:20 UVSP 23:23	23:20:04 23:25:04 23:38:22 23:23		A Peakc/s=744 Wavelength=1375A	Associated Qual=12 5A	Event # = 11024   Tot Cts=1.43E+5     Exp #=94112   F	MaxkeV=144 Rast=110"x200"	Flags=SN,DG Step=5"Pi	tch=+60	, Yaw

H. Ang=75deg	H.Ang=77deg	, Үаw=-668"	H.Ang=77deg ,Yaw=-700"	H.Ang=75deg	w=-673"	H. Ang=75deg	H.Ang=76deg H.Ang=37deg		Dur=6000sec XEN=922703	1.024s/p1xel ",Yaw=-705"		H.Ang=77deg	XEN=922704	1.024s/pixel ',Yaw=-683"	H.Ang=77deg	w=-687"
,Roll=-20deg H./		=+625"		',Roll=-20deg H.A	Pitch=+622",Yaw=-67	,Roll=-20deg H.A		Flags=M5, SN, EN, IN, DG	dt= 3.8s XEN	Cad= 262s 1.0 Pitch=+569",Ya	000 15400/22000		dt= 3.8s XEN	Cad= 262s 1.0 Pitch=+622",Ya		Pitch=+622",Yaw=-687
, Yaw=-682", Rol	Carr.Lon.=77deg		Carr.Lon.=77deg Step=5" Pitch	IW=-682", Ro]	Step=5"	, Yaw=-682", Rol	Carr.Lon.=75deg Carr.Lon.=326deg	Flags=M5,		Step=15" Step=5"	4995/21000 8800/18000	w=-692", Rol		Step=15" Step=5"	w=-692", Ro]	Step=5"
Pitch=+615", Ya	Mac.=EKC			Pitch=+615", Yaw=-682"	MaxkeV=102 Rast=265"x265"	Pitch=+615", Ya	Mac.=EKC	MaxkeV=860	FePeak.c/s=245	Kast=240"x240" Rast=110"x200"	2695/16000 4995/21	Pitch=+615", Yaw=-692", Roll=-20deg	MaxkeV=102 FePeak.c/s=21	Rast=240"x240" Rast=265"x265"	Pitch=+615", Yaw=-692", Roll=-20deg	MaxkeV=102 Rast=265"x265"
	AR5629 Tot (+s=20927		Event # = 1182/ Tot Cts=8361 Exp #=94120		Tot Cts=32637 Exp #=94123		AR5629 AR5643	Tot Cts=4.89E+6	FePeak=03:52	Exp #=94132	606/28000 1415/48000 2695		Tot Cts=368 FePeak=05:28	Exp #=94143		Tot Cts=192 Exp #=94153
S19W72	\$18W74 Qual=01		Associated S18W74 Qual=01 5A	S19W72	Qual=01 Qual=01 Code=00	S19W72	\$18W73 N19E36	Qual=14	Qual= 5	Code=00		S19W74	Qual=00 Qual=01 Qual= 5		S19W74	Qual=00 Qual=01
SMM Pointing:	HaClass=SF Importance=M2 Peakc/s=189	15400/53	.class=SF c/s=248 length=1379 0/120	SMM Pointing:	Importance=M3 Peakc/s=142 Wavelength=1375A	SMM Pointing:	HaClass=SF HaClass=SF	Peakc/s=4882	CaPeak.c/s=2431	Wavelength=1375A	245/120 410/5000	SMM Pointing:	Peakc/s=46 CaPeak.c/s=408	Wavelength=1375A	SMM Pointing:	Peakc/s=44 Wavelength=1375A
DOY=227 Deak End times					01:22:06 01:45:13	:227 Fnd times	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	33 04:49:32	04:50			227 End times	05:26:58 05:27:23 05:28 06:22	•	227 End times	5 07:22:22
Event # = 11826 89/08/15,00:52 DOY= Start Deal	00:46 00:5 00:46:20 00:5	Frequency (M	01:05:08 01:00:55 Frequency(MH	= 11828 5,01:28 DOY=	GOES 01:20 01:21 HXRBS 01:17:55 01:2 UVSP 01:27	Event # = 11829 89/08/15,03:15 DOY=227 Start Peak	12.15 03.1	02:18:32 02:57:	03:52 03:52	03:03	Frequency (MH	Event # = 11830 89/08/15,05:28 DOY=227 Start Peak	05:26:41 05:2 05:25 05:2	05:29	= 11831 5,07:21 DOY=227 Start Peak	)7:21:52 07:2 17:20
Event # 89/08/1	Optical GOES HXRBS		Optical HXRBS ( UVSP ( Radio	Event # 89/08/1	GOES (HXRBS (UVSP (	Event # 89/08/1	Optical Optical	HXRBS	808 808	UVSP C	Radio	Event # 89/08/15 S	GOES HXRBS BCS 0		Event # = 11831 89/08/15,07:21 Start	GOES HXRBS 0 UVSP 0

t # = 11833	700-VVD	•	SMM Pointing:	S19W/6		PICCHETOI4 , LONE		62507 1104	
89/08/15,09:32 Start Start	Dor=22/ Peak	End times	HaClass=SF	S19W79	AR5629	Mac.=EKC	Carr.Lon.=77deg		H.Ang=82deg
GDES 09:24 GDES 09:24 HXRBS 09:24:23 BCS 08:59	09:32 09:25:31 09:25	09:48 09:26:16 09:27	Importance=C9 Peakc/s=35 CaPeak.c/s=96	Qual=03 Qual=01 Qual= 2	Tot Cts=351 FePeak=09:25		#Peaks=2 Step=15"	dt= 7.7s X Cad= 262s 1	XEN=922705 1.024s/pixel
		-	Wavelength≈2788A	Code=00	Exp #=94159	Rast=180"x1"	1	Pitch=+493"	, Yaw=-520"
Event # = 23109 89/08/15,10:48 Start	DOY=227 Peak	End times		90					
GOES BCS 10:01	10:48	10:59	CaPeak.c/s=76	Qual=00 Qual= 4	FePeak=10:46	FePeak.c/s=9 Rast=240"x240"	#Peaks=2 Step=15"	dt= 7.7s X Cad= 262s 1	XEN=922706 1.024s/pixel
10:51			Wavelength=2788A		Exp #=94161			Pitch=+493'	, Yaw=-523"
Event # = 11832 80/08/15 12:36	D0Y=227		SMM Pointing:	S19W76		Pitch=+614", Yaw	, Yaw=-703", Roll	, Roll=-20deg	H.Ang*80deg
Start			HaClass=SF	S16W78	AR5629	Mac. *EKC	Carr.Lon.=75deg	=75deg	H.Ang=80deg
GOES 12:24 HXRBS 12:29:58 BCS 11:34	12:36 3 12:30:14 12:30	12:56 12:30:27 12:32	Importance=C6 Peakc/s=70 CaPeak.c/s=59	Qual=02 Qual=01 Qual= 2	Tot Cts=508 FePeak=12:29	MaxkeV=144 FePeak.c/s=8 Rast=0"x0"		dt= 3.8s X Cad=1.02s_1	XEN=922707 1.024s/pixel
12:23			Wavelength=2788A	Code=00	Exp #=94163	Rast=180"x1"		Pitch=+492	, Yaw=-526
Event # = 11834			SMM Pointing:	S19W79		pitch=+613",Yaw	, Yaw=-713", Rol	, Roll=-20deg	H.Ang=82deg
Start	Peak	End times	HaClass=1N	S17W79	AR5629	Mac.=EKC	Carr.Lon.=75deg	=75deg	H.Ang=82deg
G0ES 13:27 HXRBS 13:45:52 BCS 13:06	14:09 2 13:48:09 14:02	15:06 9 14:03:01 14:04	<pre>Importance=M3 Peakc/s=155 CaPeak.c/s=1923</pre>	Qual=02 Qual=04 Qual= 2	Tot Cts=65192 FePeak=13:59	MaxkeV=102 FePeak.c/s=523 Rast=240"x240"	Flags=EN, #Peaks=1 Step=15"	SA dt= 7.7s X Cad= 262s 1	XEN=922708 1.024s/pixel
	13:56 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=2788A 1415/140 2695/15	Code=01 0 4995/26	Exp #=94165 0 8800/130 15400	length=2788A Code=01 Exp #=94165 Rast=180"x1" 7140 2695/150 4995/260 8800/130 15400/91	Step=0"	Pitch=+492 	", Yaw=-528" 
!	14:39	i		Associated Qual= 5	FePeak=14:40	FePeak.c/s=21	#Peaks=1 Step=15"		xEN=922709 1.024s/pixel
FCS UVSP 14:31			Wavelength=2788A	<i>a</i>	Exp #=94166	Rast=180"x1"		Pitch=+485"	", Yaw=-534"
Event # = 23111 89/08/15,15:35 Start	1 00Y=227 Peak	End times		00=1=00					
GOES BCS 15:35	15:35	15:36	CaPeak.c/s=20	Qual= 5	FePeak=15:35	FePeak.c/s=5 Rast=240"x240"	#Peaks=1 Step=15"	dt= /./s X Cad= 262s 1	1.024s/pixel
5			Wavelength=2788A	ø	Exp #=94167	Rast=180"x1"			", Yaw=-536"

	-20deg H.Ang=82deg 27den H.Ang=20den	+484"	20deg H.Ang=83deg	<b>=</b>		Cad= 262s 1.024s/pixel Pitch=+484", Yaw=-538"		,	Pitch=+484", Yaw=-539"	20den H. Ann=84den		Pitch=+483",Yaw=-540"				3.85 XEN=922/13 = 262s 1.024s/pixel	ut= 3.8s	28 611'	.85 262s *+611'	262s 262s =+611'	2628 2628 =+611'	=+611' eg	eg eg 88 88 88 88 88 88 88 88 88 88 88 88 88
113"	3	" Step=0"	+605", Yaw=-723", Roll=-20deg	Carr.	#Peaks=2	Rast=240"x240" Step=15" Car Rast=180"x1" Step=0" Pi	-605", Yaw=-723", Roll=-20dea	Carr.	1" Step=0"	604", Yaw=-726", Roll=-20deg	Flags	Step=0"			#Peaks=1	Step=13	Step=5"	Step=5" -726", Rol	Step=5" =-726", Rol Carr. Lon.=	Step=5" =-726", Rol Carr. Lon.=	Step=5" =-726", Rol Carr. Lon. Flags=I, SI	Step=5" =-726", Rol Carr.Lon. Flags=1, Si #Peaks=1	Step=5" =-726", Rol Carr. Lon. Flags=1, SI #Peaks=1 Step=15"
#513+#42+#Q	AR5643 Mac.=EKC	ua =00  ua =01 Tot Cts=2136   MaxkeV=144  Exp #=94168   Rast=180"x1  8800/190 15400/86	Pitch=+605"	AR5629 Mac. = EKC	Tot Cts=3202 Maxkev=144 FePeak=17:03 FePeak.c/s	Rast=24 Exp #=94169 Rast=18	Pitch=+605"	AR5629 Mac. = EKC	Tot Cts=3482 MaxkeV=102 Exp #=94170 Rast=180"x1	Pitch=+604"	Tot Cts=62172 MaxkeV=369	#=941/1			FePeak=19:17 FePeak.c/s=35		Exp #=941/2 Rast=265					00%	
S19W79		Qual=00 32 Qual≖01 ?788A 15/320 8800/190			Qual=01 Qual= 1	Code=00	: S19W81	N S16W84	Qual=01 Code=01	: \$19W82	\ual=03 \ual=01	oge=00		0ua1=00	Qual= 4	_		S19W82	\$19W82 \$16W82 \$16W82	\$19W82 \$16W82 Qual=04	\$19482 \$16482 Qual=04 Qual=02 Qual= 5	\$19W82 \$16W82 Qual=04 Qual=02 Qual= 5	S19W82 S16W82 Qual=04 Qual=02 Qual= 5
SMM Pointing	s Ha	Qu Peakc/s=82 Qu Wavelength=2788A 2695/130 4995/320 8	SMM Pointing		Peakc/s=233 CaPeak.c/s=242	Wavelength=2788A	SMM Pointing	^	Peakc/s=52 Wavelength=2788A	SMM Pointing	Importance=C8	#4verength=2768A t V/3 245/490 410/89			CaPeak.c/s=338 Peak3c/s=2 Wavelenqth=1375	•		SMM Pointing:	SMM Pointing: HaClass=SF	SMM Pointing: HaClass=SF Importance=M5 Peak	SMM Pointing: HaClass=SF Importance=M5 PeakC/s=267 CaPeak.c/s=2853	SMM Pointing: ss HaClass=SF Importance=M5 Peakc/s=267 CaPeak.c/s=2853	SMM Pointing: HaClass=SF Importance=M5 Peakc/s=267 CaPeak.c/s=2853
D0Y=227	Peak End time	6:09:25 16:09:44 16:11:25 6:03 Frequency(MHz)/Flux(sfu):	DOY=227 Peak End time:	17:04 17:0	17:00:47 17:02:56 17:04 17:08		DOY=227	18:00 18:19	17:56:01 17:59:41	DOY=227	GOES 18:38 18:40 18:44 HXRBS 18:38:31 18:39:02 18:39:59 UVSP 18:33	Type/Intensity: :y(MHz)/Flux(sfu):	D0Y=227	reak end	19:18 20:13 19:27			DOY=227 Peak End times	D0Y=227 Peak End times 20:51 21:10	D0Y=227 Peak End times 20:51 21:10 20:46:34 20:58:29	D0Y=227 Peak End times 20:51 21:10 20:46:34 20:58:29 20:49 21:46	D0Y=227 Peak End times 20:51 21:10 20:46:34 20:58:29 20:49	D0Y=227 Peak End times 20:51 21:10 20:49 21:46
Event # = 11835 89/08/15,16:09	Start Optical GOFS	HXRBS 16:09:25 UVSP 16:03 Radio Frequency	Event # = 11836 89/08/15,17:04 Start	Optical GOES 17:00	HXRBS 17:00:28 BCS 16:11 FCs	UVSP 16:59	Event # = 11837 89/08/15,18:00 Start	Optical GOES 17:50	HXRBS 17:52:11 UVSP 17:37	Event # = 12590 89/08/15,18:40 Start	GOES 18:38 HXRBS 18:38:31 UVSP 18:33	Radio Sweeps Radio Frequenc	Event # = 22199 89/08/15,19:18	GOES Start	FCS 19:16 UVSP 19:20		Event # = 11838	= 11838 5,20:51 Start	Event # = 11838 89/08/15,20:51 Start Optical GOES 20:26	Event # = 11838 89/08/15,20:51   Start Optical GOES 20:26 HXRBS 20:46:11	Event # = 11838 89/08/15,20:51   Start   Optical   GOES 20:26   HXRBS 20:46:11   ECS 20:48   ECS   Start   Contact	Event # = 11838 89/08/15,20:51   0ptical 60ES 20:26 HXRBS 20:46:11 BCS 20:48	Event # = 11838 89/08/15,20:51   Start   Optical   GOES 20:26   HXRBS 20:46:11   ECS   FCS   COES   FCS   COES   C

21:01:35 20:56	21:01:39 21:01:55 21:02:03 20:56	1	F Peakc/s≖51 Wavelength=137	sociated Qual=01	Event # = 12591 Tot Cts=136 Exp #=94181	Maxkev=102 Rast=110"x200"	Flags=I Step=5"	 Pitch=+592"	. Yaw=-744"
# = 12592 15,21:48	)=\00 00 00	1	SMM Pointing:	S19W82		Pitch=+604", Yaw=-726", Roll=-20deg	=-726", Rol		H. Ang=84deg
Start GOES 21:22 HXRBS 21:20:39 UVSP 21:46	21:48 21:23	•	Importance=M4 Peakc/s=97 Wavelength=1375	Qual=02 Qual=01 Code=00			шo	걸	, Yaw=-717"
21:42:57 21:30	21:43:42	2]:44:24	c/s=62 length=137	Associated Qual=03 A	Event # = 12593 Tot Cts=1040 Exp #=94185	MaxkeV=10 Rast=110"	Flags Step=	N N Pitch=+591"	, , Yaw=-744"
	22:21	23:17	As CaPeak.c/s=911 Wavelength=1375A	Associated Qual= 5 5A	Event # = 23112 FePeak=22:21 Exp #=94188	FePeak.c/s=58 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s Cad= 262s Pitch=+609"	XEN=922715 1.024s/pixel ",Yaw=-717"
Event # = 12594 89/08/15,22:31	DOY=227		SMM Pointing:	S19W82		Pitch=+604", Yaw=-726", Roll=-20deg	=-726", Rol		H.Ang≈84deg
Start 22:31:31 22:27		End times 22:32:03	Peakc/s=43 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=162 Exp #=94189	MaxkeV=102 Rast=110"x200"	Flags=I Step=5"	Pitch=+591",Yaw=-746"	, Yaw=-746"
vent # = 12595 9/08/15,23:06	5 DOY=227	omit + ban	SMM Pointing:	S19W82		Pitch=+604", Yaw=-726", Roll=-20deg	726", Rol	1=-20deg	H. Ang=84deg
23:05:47 23:04 23:04	7 23:06:05	23:06:18	Peakc/s=40 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=179 Exp #=94193	MaxkeV=102 Rast=110"x200"	Flags=I Step=5"	Pitch=+591",Yaw=-746"	, Yaw=-746"
				89/08/16	6 DOY=228				
Event # = 12596 89/08/16,00:00 Start	6 D0Y=228 Peak	End times	SMM Pointing:	S19W82		Pitch=+604", Yaw=-726", Roll=-20deg	ı=-726", Ro1	]=-20deg	H.Ang=84deg
23:51:29 00:00	9 00:00:35	00:02:23	Peakc/s=50 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1370 Exp #=94197	MaxkeV=144 Rast=110"x200"	Flags=I Step=5"	Pitch=+530", Yaw=-747	, Yaw=-747"
Event # = 11839 89/08/16,00:37 Start	9 D0Y=228 Peak	Fnd times	SMM Pointing:	S19W82		Pitch=+604", Yaw=-726", Roll=-20deg	r=-726", Rol	]=-20deg	H.Ang=84deg
00:27:42 23:52	00:29:14 00:37	00:46:20 00:49	. 60 .	Qual=00 Qual=01 Qual= 3	Tot Cts=35392 FePeak=00:31	Maxkev=102 FePeak.c/s=152 Rast=240"x240"	#Peaks=2 Step=15"	dt= 7.7s Cad= 262s	XEN=922716 1.024s/pixel
00:35			Wavelength=1375A		Exp #=94201	Rast=110"x200"		Pitch=+594	, Yaw=-/48"

optical Optical	Start			SMM POINTENING:	704616		MU. +00+-1011	, 02/	Koll=-20deg	H.Ang=84deg
		Peak X	End times	HaClass=2N Code=BSL	S18W84 S16W90	AR5629 AR5629	Mac.=EKI	Carr.Lon.=74deg Carr.Lon.=80deg	=74deg =80deg	H.Ang=86deg H.Ang=92deg
GOES GOES HXRBS GOES	00:54 01:23:04	01:18 01:23:31	05:56 06:58:14	<pre>code=LPS Importance=X20 Peakc/s=12611</pre>		AR5629 Tot Cts=4.84E+7	MaxkeV=860	Carr.Lon. Flags=M5,	Z.	H.Ang=92deg IS,DG
2 2 2 2 3	71:5	02:11	01:40:00 02:23	CaPeak.c/s=7864	Qual= 3	FePeak=01:35	>10MeV=Y FePeak.c/s=9080	#Peaks=1	7.75	
		Tvne/1		Wavelength=1375A		Exp #=94204	Rast=240"x240" Rast=265"x265"	Step=15 Step=5"		1.024s/pixel ",Yaw=-720"
		ک		245/6300 410/10000 606/85000 1415/2200 269	00 606/85	000 1415/2200 26	5/5400	00 8800/22	00 1540	3000
1	1		03:55	CaPeak.c/s=5356	ssociateu Qual= 5	FePeak=02:58	FePeak.c/s=1205 Sast=0"x0"	#Peaks=1	dt= 3.8s	XEN=922801
:	03:02	; ;	•	Wavelength=1375A		Exp #=94212 Event # = 23114	Rast=265"x265"	Step=5"	Pitch=+405	Yaw=-846"
	04:29	04:30	7	CaPeak.c/s=3358	Qual= 5	FePeak=04:36	FePeak.c/s=722	#Peaks=1	7.75	XEN=922803
	04:33	•	1	Wavelength=1375	÷.	Exp #=94220	Rast=265"x265"	<i>(</i> ) ( <i>(</i> )	1.02s h=+601'	.U24s/p Yaw=-72
,	:19	06:23	. 65:90	CaPeak.c/s=1905	Qual= 5	Event # = 23113 FePeak=06:31	FePeak.c/s=326	#Peaks=1	dt= 7.7s	XEN=922804
•	:22			Wavelength=137	1	Exp #=94232	Rast=30"x30" Rast=10"x10"	Step=10" Step=0"	Cad=4.61s Pitch=+523'	0.512s/pixel ",Yaw=-786"
. SSS .	07:59	08:02	08:31		Associated 9 Qual= 5	Event # = 23116 FePeak=08:00	FePeak.c/s=119	#Peaks=1	dt= 3.8s	XEN=922805
	07:54			Wavelength=1375A		Exp #=94241	kast=240"x240" Rast=10"x10"	Step=15" Step=0"	∾	1.024s/pixel ',Yaw=-295"
Event # 89/08/16 S	/ent # = 11855 9/08/16,09:36 Start	D0Y=228 Peak	End times	SMM Pointing:	S18W84		Pitch=-307", Yaw:	, Yaw=+896", Rol	, Roll=180deg	H.Ang=86deg
GOES HXRBS 0 BCS 0	09:36:12 09:36		09:4 10:0	Peakc/s=43 CaPeak.c/s=848	Qual=00 Qual=01 Qual= 5	Tot Cts=1679 FePeak=09:38	MaxkeV=102 FePeak.c/s=74	#Peaks=1		XEN=922806
	09:31			Wavelength=1375A		Exp #=94249	Rast=240"x240" Rast=110"x200"	Step=15" Step=5"	Cad= 262s Pitch=-242"	1.024s/pixel ",Yaw=+881"
ent # /08/16 S	Event # = 11856 89/08/16,10:01 Start	D0Y=228 Peak	End times	SMM Pointing:	S18₩84		Pitch=-307", Yaw	, Yaw=+896", Roll=180deg	]=180deg	H.Ang≖86deg
GOES HXRBS 1 UVSP 0	10:01:01 09:49	10:01:21	10:01:35	Peakc/s=34 Wavelength=1375A	Qua]≖00 Qua]=01	Tot Cts=131 Exp #=94251	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=-287"	, Yaw=+881"
Event # = 2311 89/08/16,11:12 Start	= 23117 5,11:12 tart	D0Y=228 Peak	End times		00 [7:3					
805 1 1	1:12	11:12	11:36	CaPeak.c/s=609	Qual=00 Qual= 5	FePeak=11:12	FePeak.c/s=54	#Peaks=1	dt= 3.8s	XEN=922807
	0:43			Wavelength=2788A		Exp #=94254		Step=15	Lad* 2628 Pitch=-299'	1.0245/p1xe1 Vaw#+909"

Event 89/08/	Event # = 11857 89/08/16,11:33	D0Y=228	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SMM Pointing:	S18W84		Pitch=-307", Yaw	, Yaw=+896", Roll=180deg		H.Ang=86deg
GOES HXRBS UVSP	11:32:45 11:30	11:33:24	11:33:29	Peakc/s=43 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=246 Exp #=94255	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-427"	,Yaw=+1081"
Event 889/08/7	Event # = 23118 89/08/16,12:12 80ES Start GOES 12:11 FCS 12:03	DOY=228 Peak 12:12	End times 13:08	CaPeak.c/s=509 Wavelength=2788A	Qual=00 Qual= 5	FePeak=12:12 Exp #=94256	FePeak.c/s=34 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 3.8s Cad=1.02s Pitch=-427"	dt= 3.8s XEN=922808 Cad=1.02s 1.024s/pixel Pitch=-427", Yaw=+1081"
Event 89/08/ 60ES BCS FCS UVSP	Event # = 23119 89/08/16,14:26 Start GOES BCS 13:43 FCS 14:32	DOY=228 Peak 14:26	End times 14:39	CaPeak.c/s=237 Wavelength=2788A	Qua]=00 Qua]= 5	FePeak=13:50 Exp #=94259	FePeak.c/s=17 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-1017	dt= 7.7s XEN=922809 Cad= 262s 1.024s/pixel Pitch=-1017",Yaw=-121"
Event 89/08/ GOES BCS FCS UVSP	Event # = 23120 89/08/16,15:29 Start GOES BCS 15:15 FCS UVSP 15:09	DOY=228 Peak 15:29	End times 16:12	CaPeak.c/s=194 Wavelength=2788A	Qual=00 Qual= 4	FePeak=15:27 Exp #=94260	FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-121	XEN=922810 1.024s/pixel ", Yaw=+185"
Event 89/08/ 60ES BCS FCS UVSP	Event # = 23121 89/08/16,17:03 Start GOES BCS 16:48 FCS UVSP 16:40	00Y=228 Peak 17:03	End times 17:08	CaPeak.c/s=155 Wavelength=2788A	Qual=00 Qual= 3	FePeak=17:00 Exp #=94262	FePeak.c/s=13 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-121	XEN=922815 1.024s/pixel ", Yaw=+185"
Event 89/08/ 60ES BCS FCS UVSP	Event # = 23122 89/08/16,18:43 Start GOES BCS 18:20 FCS 19:09	DOY=228 Peak 18:43	End times 19:17	CaPeak.c/s=131 Wavelength=2788A	Qua]=00 Qua]= 3	FePeak=18:42 Exp #=94265	FePeak.c/s=22 Rast=240"x240" Rast=180"x1"	#Peaks=3 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-474	XEN=922811 1.024s/pixel ", Yaw=+1034"
Event # 89/08/16 S Optical GOES HXRBS IUNSP	Event # = 11841 89/08/16,19:31 C Start D Optical GOES 19:15 HXRBS 19:11:47 UVSP 19:09	1	DOY=228 Peak End times 19:31 19:44 19:11:58 19:12:16	SMM Pointing: HaClass=SF Importance=C7 Peakc/s=36 Wavelength=2788A	S17W73 N20E31 Qual=02 Qual=01 Code=01	AR5644 Tot Cts=136 Exp #=94265	Pitch=-354", Yaw Mac.=CS0 MaxkeV=102 Rast=180"x1"	,Yaw=+849",Roll=177de Carr.Lon.=309deg "Step=0"Pitch=	,Roll=177deg	H.Ang=76deg H.Ang=33deg ", Yaw=+1034"

Event 89/08/	# = 23123 /16,19:59 Start	DOY=228	Fnd times								
GOES BCS FCS	19:52	19:	. 6t	CaPeak.c/s=165	Qual=00 Qual= 4	FePeak≖19:58	FePeak.c/s=18	#Peaks=1	dt= 7.7s	XEN=922812	
UVSP	19:59			Wavelength=1375A		Exp #=94267	Kast=240"x240" Rast=110"x200"	Step=15" Step=5"	Cad= 262s 1 Pitch=+808",	1.024s/pixel ',Yaw=+308"	
Event 89/08/	Event # = 23124 89/08/16,21:23	DOY=228	End + imag						1		
Optical GOES	31 21:14	21:23	, m	HaClass=SF Importance=C6	N27W19 0ual=05	AR5639	Mac.=CSO	Carr.Lon.	=358deg	H.Ang≈27deg	
SS	21:24	21:25	22:21	Peak.c/s=153	Qual= 5	FePeak=21:25	FePeak.c/s=15	#Peaks=1	dt= 3.8s	813	
UVSP	21:28			Wavelength=1375A	Code=02	Exp #=94274	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	cad= 2628 Pitch=+601"	1.U24s/p1 ,Yaw=-754	
Event 89/08/	Event # = 11842 89/08/16,23:28	DOY=228	Cod +	SMM Pointing:			Pitch=+594", Yaw	, Yaw≖-768", Rol	, Roll=-20deg		
Optica	23.10	22.50	na cilles		N29E37	AR5645	Mac.=CKI	Carr.Lon.	=301deg	H.Ang=41deg	
HXRBS BCS BCS	23:24:45 22:57	23:25:16 23:29:16	23:26:14 23:53	<pre>importance=cy Peakc/s=53 CaPeak.c/s=322</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=465 FePeak=23:27	MaxkeV=102 FePeak.c/s=47	•		XEN=922814	
UVSP Radio	23:23 Sweens	Tvne/I	Tvne/Intensitv.	Wavelength=1375A	Code=00	Exp #=94285	Rast=240"x240" Rast=110"x200"		Cad= 262s Pitch=+543"	1.024s/pixel ',Yaw=-782"	
HXRBS	23:31:51	23	, . I თ	Peakc/s=38	sociated Qual=01	Event # = 11843 Tot Cts=69	MaxkeV=102	1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ı
					89/08/17	D0Y=229					
Event 89/08/	t # = 11844 3/17,01:22	D0Y=229	1	SMM Pointing:			Pitch=+594", Yaw=	, Yaw=-768", Roll	, Roll=-20deg		
0.00	Start	Peak	End times		0			•			
Optical Optical Optical	00:33	01:2		HaClass=SF Code=LPS HaClass=SF Imnortance=X3	S19W88 S18W90 N32E39	AR5629 AR5629 AR5645		Carr.Lon.=64deg Carr.Lon.=66deg Carr.Lon.=297deg		H.Ang=90deg H.Ang=92deg H.Ang=44deg	
HXRBS	00:27:08	01:13:21	05:16:42	Peakc/s=7070	Qual=12	Tot Cts=1.03E+7	MaxkeV=860	Flags=M5,S	NI.	4	
38. S	00:29	01:24		CaPeak.c/s=7699	Qual= 2	FePeak=01:18	FePeak.c/s=5139	#Peaks=1	t= 7.7s	ur=534 EN=922	
UVSP Radio	01:13 Frequency (MHz)	:y(MHz)/F		Wavelength=137 245/1200 410/4	Code=00 606/71 14	Exp #=94295 15/1300 2695/560	5A Code=00 Exp #=94295 Rast=110"x200" Step=10 Code=00 606/71 1415/130 2695/5600 4995/13000 8800/24000 1540	Step=10 Step=5" 00/24000 15	ad= 3328 itch=+568 00/36000	1.024s/p1xel ,Yaw=-782"	
	. 10:	02:02	<b>.</b>	CaPeak.c/s=605	Associated 1 Qual= 5	Event # = 43123 FePeak=02:02	FePeak.c/s=1207	#Peaks=1	3.85	•	
	02:05			Wavelength=137		Exp #=94298	Kast=240"x240" Rast=265"x265"	Step=15" Step=5"	id= 262s tch=+601	1.024s/pixel ",Yaw=-754"	
	03:34	03:35	04:30	As CaPeak.c/s=1734	Sociated Qual= 5	Event # = 23126 FePeak=03:35			dt= 3.8s	EN=922902	ı
	03:37			Wavelength=1375A	-	ţ	=240"x240" =265"x265"	p=5"	l= 262s :ch=+375'	.024s/p Yaw=-89	
	90:50	05:07	06:03	CaPeak.c/s=809	ual= 5		FePeak.c/s=92	1 ਦਾ≡	dt= 3.8s )		
UVSP	05:11			Wavelength=1375A		Exp #=94314			rdu= 2028 Pitch=+602",	1.024s/ptxel ',Yaw=-754"	

			ı	1	I	ļ
XEN=922904 0.512s/pixel ", Yaw=-782"	XEN=922905 1.024s/pixel ', Yaw=-782"	XEN=922906 1.024s/pixel ',Yaw=-782"	XEN=922907 1.024s/pixel ", Yaw=-582"	H. Ang=92deg XEN=922908 1.024s/pixel ", Yaw=-582"	XEN=922909 1.024s/pixel 4", Yaw=-582"	XEN=922910 1.024s/pixel 4", Yaw=-582"
dt= 3.8s X Cad=4.61s 0 Pitch=+574",	dt= 3.8s X Cad= 262s 1 Pitch=+569",	dt= 3.8s X Cad= 262s 1 Pitch=+549",	dt= 3.8s X Cad= 262s 1 Pitch=+474",	.=60deg dt= 3.8s Cad= 262s Pitch=+474	dt= 7.7s Cad=1.02s Pitch=+474	dt= 7.7s Cad=1.02s Pitch=+47
#Peaks=1 Step=10" Step=5"	#Peaks=1 Step=15" Step=5"	#Peaks=1 Step=15" Step=5"	#Peaks=1 Step=15" Step=0"	Carr.Lon #Peaks=1 Step=15" Step=0"	*Peaks=1 Step=0" Step=0"	#Peaks=1 Step=0" Step=0"
FePeak.c/s=47 Rast=30"x30" Rast=110"x200"	FePeak.c/s=23 Rast=240"x240" Rast=110"x200"	FePeak.c/s=13 Rast=240"x240" Rast=110"x200"	FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"
Event # = 23128 FePeak=06:59 Exp #=94323	FePeak=08:37 Exp #=94333	FePeak=10:14 Exp #=94341	FePeak=11:50 Exp #=94345	AR5629 FePeak=12:50 Exp #=94346	FePeak=14:26 Exp #=94348	FePeak=16:02 Exp #=94350
Associated Qual= 5 Aual= 5 5A	Qual=00 Qual= 5	Qual=00 Qual= 5	Qual=00 Qual= 5	\$17W90 Qual= 5	Qual=00 Qual= 5	Qual=00 Qual= 5 A
CaPeak.c/s=426 Wavelength=1375A	CaPeak.c/s=263 Wavelength=1375A	CaPeak.c/s=145 Wavelength=1375A	CaPeak.c/s=82 Wavelength=2788A	Code=LPS CaPeak.c/s=65 Wavelength=2788A	CaPeak.c/s=40 Wavelength=2788A	CaPeak.c/s=21 Wavelength=2788
07:34 (	End times 09:07	End times 10:39	End times 12:11	End times 13:44	End times 15:15	End times 16:42
65:90	DOY=229 Peak 08:37	DOY=229 Peak 10:13	DOY=229 Peak 11:49	DOY=229 Peak 12:50	00Y=229 Peak 14:20	1 D0Y=229 Peak 15:54
06:59	Event # = 23129 89/08/17,08:37 Start GOES Start BCS 08:37 FCS 08:36	Event # = 23130 89/08/17,10:13 60ES Start 60ES 10:13 FCS 10:07 UVSP 10:07	Event # = 23131 89/08/17,11:49 GOES Start GOES 11:49 FCS 12:04	Event # = 23132 89/08/17,12:50 Start Optical BCS 12:47 FCS 12:40	Event # = 23133 89/08/17,14:20 Start GOES BCS 14:20 FCS UVSP 14:11	Event # = 23134 89/08/17,15:54 GOES Start GCS 15:53 FCS 15:45 UVSP 15:45
BCS FCS UVSP	Event 89/08/ 60ES BCS FCS UVSP	Event 89/08/ 60ES BCS FCS UVSP	Event 89/08/ 60ES BCS FCS UVSP	Event # 89/08/17 89/08/17 0ptical BCS FCS UVSP	Event 89/08 80ES BCS FCS UVSP	Event 89/08 60ES BCS FCS UVSP

HaClass=1F   HaClass=5F   Hirton   Hac.=CA0   Carr.Lon   C	Event # = 11845 89/08/17,19:24 Start	D0Y=229 Peak	Fnd times	SMM Pointing:	S17W74		Pitch=-304", Ya	, Yaw=+873", Ro	, Roll=180deq	H.Ang=77deg
19:08:04 13:09:56 PeaksC/S=97 Qual=03 To Cts=3413 Maxkev=102 Flags=SN CaPeaks.C/S=1266 Qual=04 Febeak=19:02 Rass=240°x240" Step=5" Rass=240°x240°x240" Step=5" Rass=240°x240°x240" Step=5" Rass=240°x240°x240" Step=5" Rass=240°x240°x240" Step=5" Rass=240°x240°x240" Step=5" Rass=240°x240°x240°x240°x240°x240°x240°x240°x	ptical ptical ptical		}	HaClass=1F HaClass=SF Code=FP!	N19W10 N17E06 S1AU90		Mac.=CAO	Carr. Lon	.=337deg .=321deg	H.Ang=16deg H.Ang=12deg
Type/Intensity:	0ES 18:43 XRBS 18:54:. CS 18:57	19:24 19:08:04 19:16	~~	Importance=M3 Peakc/s=47 CaPeak.c/s=1256	Qual=03 Qual=02 Qual=02		MaxkeV=102 FePeak.c/s=190		.≈5/deg d+- 7 72	H.Ang=92deg
Cy(HHż)/Flux(sfuj): 245/300 410/280 606/140 1415/120 2695/53  20:30 21:25	VSP 19:21 adio Sweeps	Type/Int	ensitv:	Wavelength=1375⊅ 11/2	1 Code=00		Rast=240"x240" Rast=110"x200"		Cad= 262s Pitch=-292"	AEN=922911 1.024s/pixel ",Yaw≖+851"
20:30 21:25 CaPeak.c/s=160 Qual=5 FePeak=20:36 Rast=240"x240" Step=5"  Mavelength=1375A Exp #=94367 Rast=265"x265" Step=5"  DOY=229 End times  20:34:36 20:34:59 Peakc/s=43 Qual=00 Tot Cts=297 MaxkeV=102 Rast=265"x265" Step=5"  DOY=229 Rayle FePeak Step=5"  Mavelength=1375A Qual=00 Tot Cts=137 MaxkeV=102 Rast=265"x265" Step=5"  DOY=229 End times  SMM Pointing: S15W77 Pitch=+829", Yaw=+427", Roll Exp #=94367 Rast=265"x265" Step=5"  DOY=229 End times  Mavelength=1375A Qual=00 Tot Cts=117 MaxkeV=102 Rast=110"x200" Step=5" Peak  22:02 22:55 CaPeak.c/s=32 Qual=0 Exp #=94372 Rast=110"x200" Step=5" Peak  Mavelength=1375A Exp #=94375 Rast=265"x265" Step=5" Peaks=1 CaPeak C/s=32 Qual=0 Peak  BOOY=229 Rayle Find times  S9708/18 DOY=230 Peak.c/s=32 Qual=0 Peak=22:06 FePeak C/s=8 #Peaks=1 CaPeak C/s=8 Peaks=1 CaPeak C/s=8 Peaks=1 CaPeak C/s=2145 Rast=2460"x20" Step=5" Peak C/s=2145 Rayle Rayle Step=5" Peak C/s=2145 Rayle Rayle Step=5" Peak C/s=2110"x200" Step=5" Peak C/s=2110"x	adio Frequ	ency(MHz)/Flu	x(sfu):	245/300 410/280	606/140 :	1415/120 2695/53				
Mayelength=1375A   Exp #=94367   Rast=240"x240" Step=15"			1:2	CaPeak.c/s=160	Qual= 5	FePeak=20:36	FePeak.c/s=13		dt= 7.7s	XEN=922912
DOY=229  20:34:36 20:34:59 Peakc/s=43  Qual=01 Tot Cts=297  Maxkey=102  Mavelength=1375A  Qual=01 Tot Cts=297  Maxkey=102  Maxey=102  Step=5"  Qual=00  Qual=01  Qual=01  Maxey=103  Step=6"  Qual=03  Qual=03  Qual=03  Qual=03  Qual=03  Maxey=103  Step=10"  Maxey=103  Step=10"  Step=10"  Maxey=103  Step=10"  Step=10"  Maxey=103  Step=10"  Maxey=103  Step=10"  Maxey=104  Flags=EG  Maxey=104  Flags=EG  Maxey=104  Maxey=104  Maxey=104  Maxey=104  Flags=EG  Maxey=104  Max	/SP 20:32			Wavelength=1375A		Exp #=94367	Rast=240"x240" Rast=265"x265"		Cad= 262s Pitch=+836	1.024s/pixel 6", Yaw=+440"
20:34:36 20:34:59 Peakc/s=43 Qual=01 Tot Cts=297 Rast=265"x265" Step=5"  D0V=229  Exp #=94367 Rast=265"x265" Step=5"  Bov=229 Rast=265"x265" Step=5"  Oual=01 Tot Cts=117 Raxkev=102  Aveelength=1375A Rast=265"x260" Step=5"  Oual=00 Tot Cts=117 Raxkev=102  Rast=010"x200" Step=5"  Rast=010"x200" Step=5"  Oual=00 Tot Cts=117 Raxkev=102  Rast=010"x200" Step=5"  Rast=010"x200" Step=5"  Rast=010"x200" Step=5"  Oual=00 Tot Cts=117 Raxkev=102  Rast=01"x20" Step=6"  Rast=025"x265" Step=6"  Oual=03 Tot Cts=117 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Qual= 3 FePeak=23:50 Rast=260"x200" Step=5"  Rast=260"x200" Step=5"  Rast=265"x265" Step=5"  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Rast=240"x200" Step=5"  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2451 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2461 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2461 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2461 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2461 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2461 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2461 Raxkev=144 Flags=E6  Oual=03 Tot Cts=240"xaxkev=144 Flags=E6  Oual=03 Tot Cts=2461 Raxkev=144 Flags=E6  Oual=03 Tot Cts=2461 Raxkev=144 Flags=E6  Oual=03 Tot Cts=240"xaxkev=144 Raxkev=144 Ra	/ent # = 1184 //08/17,20:34 Start	00Y=229 Peak	nd times	Pointing	S15W77		Pitch=+829", Yav	v=+427", Ro]	]=-100deg	H.Ang=79deg
DOY=229 End times  21:22:46 21:22:56 Peakc/s=52 Qual=00 Peak End times  DOY=229  Exp #=94372  Raxkev=102 Rast=110"x200" Step=5"  Rast=110"x200" Step=5"  Qual=00  Qual=00  22:02 22:55 CaPeak.c/s=32 Qual= 5 FePeak=22:06 Rest=265"x265" Step=5"  Wavelength=1375A Exp #=94375 Rast=265"x265" Step=5"  BOY=230  DOY=230  SMM Pointing:  Raylo8/18 DOY=230  Qual=03  Qual=03  Raylo8/18 DOY=230  Pitch=+829", Yaw=+427", Rol  Rast=110"x200" Step=5"  Step=6"  Raylo8/18 DOY=230  Poitch=+829", Yaw=+427", Rol  Rast=110"x200" Step=5"  Raylo8/18 DOY=230  Qual=03  Qual=03  Qual=03  Raylo8/18 Raylo8/18 Peakc/s=65 #Peaks=15"  Wavelength=1375A Exp #=94386 Rast=110"x200" Step=5"	RBS 20:33:5 SP 20:32	20:34:36	0:34:59	Peakc/s=43 Wavelength=1375A		Tot Cts=297 Exp #=94367	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+836"	", Yaw=+440"
21:22:46 21:22:56	ent # = 1184 /08/17,21:22 Start	D0Y=229 Peak	nd times	1	S15W77		Pitch=+829", Yaw	/=+427", Rol	]≈-100deg	H.Ang=79deg
DOY=229 Peak End times  22:02 22:55		21:22:46		Peakc/s=52 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=117 Exp #=94372	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+808".	. Yaw=+412"
22:02 22:55 CaPeak.c/s=32 Qual= 5 FePeak=22:06 FePeak.c/s=8 #Peaks=1 Step=0" Step=15" Step=1	ച~ ഹ	D0Y=229 Peak	time							
Mavelength=1375A Exp #=94375 Rast=265"x265" Step=6" St		22	:55		Qual=00 Qual= 5		FePeak.c/s≖8		dt= 7.7s	XEN=022012
89/08/18			_	Wavelength=1375A		#=94375	Rast=0"x0" Rast=265"x265"		Cad=1.02s 1 Pitch=+602",	1.024s/pixel , Yaw=-754"
D0Y=230  Peak  End times  Qual=03  23:44:36 23:51:19 Peakc/s=150 Qual=03  CaPeak.c/s=271 Qual= 3 FePeak=23:50 FePeak.c/s=65 #Peaks=1  Rast=240"x240" Step=15"  Wavelength=1375A Exp #=94386 Rast=110"x200" Step=5"	ont # = 118As	œ			89/08/18					
23:39:01 23:44:36 23:51:19 Peakc/s=150 Qual=03 Tot Cts=21451 MaxkeV=144 Flags=EG 23:33 00:02 00:29 CaPeak.c/s=271 Qual= 3 FePeak=23:50 FePeak.c/s=65 #Peaks=1 Rast=240"x240" Step=15" 23:58 Exp #=94386 Rast=10"x200" Step=5"	08/18,00:02 Start	D0Y=230 Peak		_			Pitch=+591",Yaw	768", Roll	=-20deg	
23:58 Rast=240"x240" Step=15" Exp #=94386 Rast=110"x200" Step=5"		23:44:36 00:02		c/s=150 c.c/s=271	Qual=03 Qual=03 Qual= 3					XFN=022014
	23:		-	_						1.024s/pixel ', Yaw=-782"

Event # = 23137 89/08/18,01:06 Start GOES 01:06 FCS 01:09 UVSP 01:09		DOY=230 Peak 01:06	End times 02:01 (	CaPeak.c/s=114	Qual=00 Qual= 5 F	FePeak=01:16 Exp #=94391	FePeak.c/s=13 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s ) Cad= 262s ) Pitch=+602",	XEN=923000 1.024s/pixel ",Yaw=-754"	
Event # = 23138 89/08/18,17:14 0ptical 60ES FCS 17:12 FCS 17:17	L .	DOY=230 Peak 17:14	End times 17:20	HaClass=SF ( CaPeak.c/s=24 ( Wavelength=2788A	N12W10 Qual=00 Qual= 1	AR5643 FePeak=17:13 Exp #=94446	Mac.=EKC FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	Carr.Lon.=325deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s +69"	H.Ang=11deg XEN=923001 1.024s/pixel Yaw=-39"	1 1
Event # = 23139 89/08/19,01:42 Start GOES BCS 01:41 FCS	= 23139 9,01:42 Start 01:41	DOY=231 Peak 01:42	End times 01:49	ak.c/s=26	89/00/19 Qual=00 Qual= 4	FePeak=01:43	FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+92",	XEN=923100 1.024s/pixel Yaw=-106"	
	01:32			Mave I city til - L/ oon							1
Event # 89/08/19	Event # = 23140 89/08/19,02:03 Start Optical GOES BCS 02:03 FCS UVSP 02:30	DOY=231 Peak 02:03	End times 02:06	HaClass=SF CaPeak.c/s=24 Wavelength=2788A	N16W18 Qual=00 Qual= 4	AR5643 FePeak=02:03 Exp #=94458	Mac.=EKC FePeak.c/s=11 Rast=0"x0" Rast=180"x1"	Carr.Lon.=328deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	=328deg dt= 7.7s Cad=1.02s Pitch=+94"	H.Ang=20deg XEN=923101 1.024s/pixel , Yaw=-114"	1
Event # 89/08/1 60ES HXRBS UVSP Radio	Event # = 11849 89/08/19,02:07 Start 60ES HXRBS 02:07:23 UVSP 02:30 Radio Frequence	= 11849 .02:07 DOY=231 tart Peak End time 2:07:23 02:07:56 02:10:0 <sup>o</sup> 2:30 Frequency(MHz)/Flux(sfu)	= 11849 9,02:07 DOY=231 Start Peak End times 02:07:23 02:07:56 02:10:04 02:30 Frequency(MHz)/Flux(sfu):	SMM Pointing: N15W16 Qual=00 Peakc/s=55 Qual=01 Wavelength=2788A 410/170 8800/23 15400/35	N15W16 Qual=00 Qual=01 15400/35	Tot Cts=1168 Exp #=94458	Pitch=-44",Yaw=-287",Roll=-20deg MaxkeV=144 Rast=180"x1" Step=0" Pitch=	287",Roll Step=0"	20deg H.Ang=1	н.Ang≖18deg ,Үаw≖-114"	I
Event # 89/08/19 89/08/19 00tical 60ES 60ES 6ES 6ES 6ES 6ES 6ES 6ES 6ES 6ES 6ES 6		D0Y=231 Peak 02:56 03:13	End times 03:05 03:17	HaClass=SF Importance=C9 CaPeak.c/s=22 Wavelength=1375A	N16W17 Qual=05 Qual= 5	AR5643 FePeak=03:15 Exp #=94459	Mac.=EKC FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	Carr.Lon.=326deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=5" Pitch=	.=326deg dt= 7.7s Cad=1.02s Pitch=-31"	H.Ang=19deg XEN=923102 1.024s/pixel ', Yaw=-292"	1

Event # = 11850 89/08/19,18:39 Start 60FS	0 D0Y=231 Peak	1 End times	SMM Pointing:	N15W26		Pitch=-1", Yaw=	, Yaw=-425", Roll=-20deg	=-20deg	H.Ang=27deg
18:38:42 18:27 Frequency	2 18:39:09 ncy(MHz)/Fl	8:38:42 18:39:09 18:39:24 8:27 Frequency(MHz)/Flux(sfu):	Peakc/s=47 Wavelength=2788A 2695/56	Qua]=00 Qua]=01 A	Tot Cts=353 Exp #=94507	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch*+133"	3", Yaw=-238"
Event # = 11851 89/08/19,20:07 Start	D0Y=231 Peak	End times	SMM Pointing:	N15W26		Pitch=-1", Yaw=	, Yaw=-425", Roll	, Roll=-20deg	H.Ang≈27deg
15	20:07	21:3	HaClass=1N Importance=C8	N27E02 0ual=03	AR5645	Mac.=DKI	Carr.Lon	Carr.Lon.=298deg	H.Ang=20deg
19:18:36 19:25		.0 19:20:14	Peakc/s=53 Wavelength=2788A	Qual=01 Code=00	Tot Cts=914 Exp #=94508	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+136	Pitch=+136", Yaw≃-246"
Event # = 23142 89/08/19,21:40 Start Optical GOFS	DOY=231 Peak	End times	HaClass=SF	N18W28	AR5643	Mac.=EKC	Carr. lon.	=327den	20F02-2040 H
1:39	21:40	21:57	CaPeak.c/s=148	Qual=00	FeDeak=21.30	Colon descond			n.Ang-csaeg
21:30			Wavelength=2788A		Exp #=94511	rereak.c/s=24 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s x Cad= 262s 1 Pitch=+140",	XEN=923103 1.024s/pixe1 ",Yaw=-262"
7717				89/08/20	0 DOY=232		1170		
89/08/20,13:01 Start Optical GOES	D0Y=232 Peak	End times	HaClass=SF	N17W35	AR5643	Mac.=EKC	Carr. Lon.	=325dea	H Anceschar
13:01	13:01	13:06	CaPeak.c/s=48	Qual=00 Qual= 6	FePeak=13:01	FePeak.c/s=7		dt= 3 8c	XEN=022200
:53			Wavelength=2788A		Exp #=94552	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+172"	1.024s/pixel ",Yaw=-373"
Event # = 11852 89/08/20,17:40 Start	D0Y=232 Peak	End times	SMM Pointing:	N15W38		Pitch=+47", Yaw=	, Yaw=-590", Roll	, Roll=-20deg	H.Ang=39deg
_	17:40:07	17:40:14	Peakc/s=43 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=199 Exp #=94558	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+180"	. Yaw=-404"
vent # = 23144 9/08/20,20:53 Start	D0Y=232 Peak	End times							
	20:53		CaPeak.c/s=30	Qual=01 Qual= 6	FePeak=20:53	FePeak.c/s=11 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=923201 1.024s/pixel
Event # = 11853 89/08/20,22:26 [ Start F	DOY=232 Peak	End times	SMM Pointing:	N15W41		Pitch=+54", Yaw=-621"	Roll.		H.Ang=41deg
22:26:27 2 23:04	22:26:39	22:26:44	Peakc/s=36 ( Wavelength=2788A	Qual=01 Qual=01 T	Tot Cts=93 Exp #=94565	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+190",Yaw=-441"	, Yaw=-44]"

GUES 22:47	Oprical		End times	HaClass=SF	N20W24	AR5644	Mac.=DA0	Carr.Lon.=309deg	=309deg	H.Ang=27deg
1		23:00	23:10	CaPeak.c/s=60	Qual= 3	FePeak=23:02	FePeak.c/s=13	#Peaks * 1	dt= 7.7s Cad= 262s	XEN=923202 1.024s/bixel
UVSP 23:0	3:04			Wavelength=2788A		Exp #=94565	Rast=180"x1"		_	", Yaw=-441"
					89/08/21	L DOY=233				
Event # = 11854 89/08/21,01:47	11854 11:47 D	DOY=233	- Pag	SMM Pointing:	N15W43		Pitch=+60", Yaw=-641", Roll=-20deg	-641", Roll	=-20deg	H.Ang=43deg
GOES HXRBS 01:47: UVSP 02:09	47:04 0	reak 01:47:05	01:47:38	Peakc/s=41 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=139 Exp #=94569	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+195'	Pitch=+195",Yaw=-460"
					89/08/22	2 D0Y=234				
Event # = 23146 89/08/22,02:28 Start	23146 2:28 C irt	D0Y=234 Peak	End times	I	i 0	6	5	solder	1.0 A 17.0 C 1	מפלאני במת נו
Optical		9	•		520E25	AKDODZ	AAC. = CRU	רמון.	-c+Jucg	6220C-611V-11
GOES 02:06 BCS 02:08		02:28 02:10	02:23	Importance=us CaPeak.c/s=40	Qual=01	FePeak=02:08	FePeak.c/s=13 Rast=0"x0"	#Peaks=1 Sten=0"	dt= 7.7s X	XEN=923400 1.024s/pixel
UVSP 02:43	:43			Wavelength=2788A		Exp #=94622	Rast=180"x1"	Step=0"	Pitch=+191	", Үаw≖-599"
	# = 23147 /22,18:55 D Start	D0Y=234 Peak	End times							
GOES BCS 18:	8:54	18:55	19:00	CaPeak.c/s=30	Qual=01 Qual= 6	FePeak=18:55	FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=923401
18	:53			Wavelength=1375A		Exp #=94671	Rast=265"x265"	Step=0	Pitch=+221	", Yaw=+841"
					89/08/23	3 D0Y=235				
Event # = 89/08/23,0 Sta	1 # = 23148 3/23,02:27 [ Start F 02:21 [	DOY=235 Peak 02:27	End times 02:32	Importance=C2	Qual=05	00.00	01-3/2 10002	0 de 0 de 0 de 0 de 0 de 0 de 0 de 0 de	4+= 7 7c	XEN=003500
ECS UZ: FCS UVSP UVSP	. 67: 119	67:70	75:30	careak.c/s=20 Wavelength=2788A	Code=00	Exp #=94702	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+202",	1.024s/pixel ", Yaw=-694"
Event # = 89/08/23,0	11858 39:28	D0Y=235	1	SMM Pointing:	N17W72		Pitch=+68", Yaw=-895", Roll=-20deg	895", Roll	1=-20deg	H.Ang=71deg
Start 60ES 08:46 HXRBS 08:58:00 UVSP 09:27 Radio Frequenc	art :46 :58:00 ( :27 requency	yeak 09:28 09:10:20 (	tart Feak Enu Unmes 8:46 09:28 10:37 8:58:00 09:10:20 09:19:34 9:27 Frequency(MHz)/Flux(sfu):	Importance=M1 Peakc/s=49 Wavelength=1375A 245/170	Qual=03 Qual=12 Code=00	Tot Cts=1486 Exp #=94739	MaxkeV=102 Rast=10"x10"	Flags=SA <sub>.</sub> Step=0"	Flags=SA,DG Step=0" Pitch=-23",Yaw=-779"	, Үам=-779"

GOES Start Peak End to GOES 13:46 13:50 13:56 13:56 13:56 13:56 13:56 13:56 13:56 14:04 Event # = 11862	times 56	CaPeak.c/s=27	Qua]=00 Qua]= 4					
13:50 13:5 DOY=235 Peak 15:00 15:1 14:48:24 14:5 14:57 15:2 DOY=235 Peak End	56	CaPeak.c/s=27	Qual=00 Qual= 4	:				
DOY=235 Peak End 15:00 15:1 14:48:24 14:5 14:57 15:2 DOY=235 Peak End	Townsend Committee of the Committee of t			FePeak=13:49	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=923502
DOY=235 Peak End 15:00 15:1 14:48:24 14:5 14:57 15:2 DOY=235 Peak End		Wavelength≖2788A		Exp #=94744	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+202"	1.024s/pixel ",Yaw=-727"
15:00 15:1 14:48:24 14:5 14:57 15:2 1007=235 End	+ Somit	SMM Pointing:	N17W74		Pitch=+68", Yaw=	, Yaw=-905", Roll	, Roll=-20deg	H.Ang=73deg
14:48:24 14:57 100Y=235 Peak	13	HaClass=SF	N28W70	AR5658		Carr.Lon.=320deg	=320deg	H.Ang≖69deg
D0Y=235 Peak	01	Peakc/s=42 CaPeak.c/s=70	Qual=01 Qual= 2 Qual= 2	Tot Cts=1034 FePeak=14:54	MaxkeV=102 FePeak.c/s=10		dt= 3.5s	XEN=923503
D0Y=235 Peak		Wavelength=2788A	Code=01	Exp #=94745	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+202",	1.024s/pixel ", Yaw=-728"
	End times							
17:54 18:04	)4	CaPeak.c/s=22	Qual=01 Qual= 4	FePeak=17:51	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XFN=023504
		Wavelength=2788A		Exp #=94749	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+200",	1.024s/pixel ",Yaw=-734"
Event # = 11863 89/08/23,19:24 DOY=235 Start Peak End	† imes	SMM Pointing:	N17W76		Pitch=+67", Yaw=	, Yaw=-915", Roll	, Roll=-20deg	H.Ang=75deg
		HaClass=SF	N14W28	AR5641	Mac.=EKI	Carr.Lon.=275deg	=275deg	H.Ang=28deg
19:15:29 19:1 19:24 19:5	5:57	Peakc/s=37 CaPeak.c/s=35	Qual=01 Qual=01 Qual= 5	Tot Cts=407 FePeak=19:24	MaxkeV=144 FePeak.c/s=10	#Peaks=1	dt= 7.7s	XEN=923505
		Wavelength=2788A		Exp #=94751	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+200",	1.024s/pixel ,Yaw=-738"
= 11864 3,20:06 DOY=235 Start Peak End	times	SMM Pointing:	017W79		Pitch=+66",Yaw=	, Yaw=-925", Roll:	, Roll=-20deg	H.Ang=77deg
20:06 20:			N14W73	AR5643	Mac.=EKI	Carr.Lon.=320deg	=320deg	H.Ang=72deg
19:58:56 20:00: 20:05 20:17	35	Peakc/s=42 CaPeak.c/s=167	Qual=01 Qual= 1	Tot Cts=1046 FePeak=20:03	MaxkeV=102 FePeak.c/s=36		dt= 3.8s	XEN=923506
	-	Wavelength=2788A	Code=02	Exp #=94752	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+200",	1.024s/pixel ', Yaw=-740"
f = 23152 23,21:31 DOY=235 Start Peak End 1	times							
21:31 21:49	)	CaPeak.c/s=48	Qua]=00 Qua]= 3	FePeak=21:38	FePeak.c/s=13		dt= 7.7s	XEN=923507
	-3	Wavelength=2788A		Exp #=94754	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+199",	1.024s/pixel ", Yaw=-743"

Event # = 23153 89/08/23,22:31 Start GOES BCS 22:27 FCS UVSP 22:18	= 23153 3,22:31 Start 22:27 22:18	DOY=235 Peak 22:31	End times 23:07	CaPeak.c/s=31 Wavelength=2788A	Qual=00 Qual= 5	Fe Pe Exp	FePeak.c/s=13 Rast=0"x0" Rast=180"x1"	#Peaks=2 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch*+199",	XEN=923508 1.024s/pixel ",Yaw=-743"
Event # = 23154 89/08/24,00:50 Start GOES BCS 00:50 FCS UVSP 00:48		DOY=236 Peak 00:50	End times 00:53	CaPeak.c/s=23 Wavelength=2788A	89/08/24 Qual=00 Qual= 3		FePeak.c/s=14 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+198",	XEN=923600 1.024s/pixel ", Yaw=-748"
Event # = 11865 89/08/24,05:03 806.5 4XRBS 05:02:32 BCS 04:54 FCS 04:58 RAdio Sweeps Radio Frequen	= 11865 1,05:03 1,05:03 1,05:02:32 05:02:32 04:54 weeps	DOY=236 Peak 05:02:42 05:03 Type/II	End times 05:03:20 05:16 itensity: ux(sfu):	SMM Pointing: Peakc/s=37 CaPeak.c/s=35 Wavelength=1375A III/2	N17W82 Qual=01 Qual=1 Qual= 1	Tot Cts=192 FePeak=04:55 Exp #=94767	Pitch=+63", Yaw= MaxkeV=102 FePeak.c/s=9 Rast=10"x0" Rast=10"x10"	,Yaw=-935",Roll=-20deg =9 #Peaks=1 dt=7. Step=0" Cad=1. 0" Step=0" Pitch=	=-20deg dt= 7.7s Cad=1.02s Pitch=+95"	H.Ang=80deg XEN=923601 1.024s/pixel 'Yaw=-932"
Event # = 23155 89/08/24,09:41 Start GOES BCS 09:38 FCS UVSP 09:37	= 23155 4,09:41 Start 09:38	DOY=236 Peak 09:41	End times 09:47	CaPeak.c/s=22 Wavelength=1375A	Qual=00 Qual= 4	FePeak=09:40 Exp #=94791	FePeak.c/s=6 Rast=0"x0" Rast=110"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+61"	XEN=923602 1.024s/pixel Yaw=-958"
Event # = 23156 89/08/24,18:39 Start GOES BCS 18:25 FCS UVSP 18:34	= 23156 4,18:39 Start 18:25 18:34	00Y=236 Peak 18:39	End times 19:19	CaPeak.c/s=59 Wavelength=1375A	Qual=00 Qual= 1	FePeak=18:31 Exp #=94820	FePeak.c/s=9 Rast=240"x240" Rast=10"x10"	#Peaks=2 Step=15" Step=0"	dt= 7.7s X Cad= 262s 1 Pitch=+234",	XEN=923603 1.024s/pixel ", Yaw=+894"
Event # = 23157 89/08/24,20:01 Start GOES 19:58 ECS 19:58 FCS	= 23157 4,20:01 Start 19:58 20:01	D0Y=236 Peak 20:01	End times 20:43	CaPeak.c/s=22 Wavelength=1375A	Qual=00 Qual= 5	FePeak=19:58 Exp #=94827	FePeak.c/s=10 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+949",	XEN=923604 1.024s/pixel ", Yaw=-130"

007-236 End times  11:30 21:42 CaPeak.C/s=29 Qual=09 Rast-0567x06 Step=0-7.75 XEW-923605 Rast-0567x265 Step=0-7 Step=0-7.75 XEW-923605 Rast-0567x265 Step=0-7 Step=0-7 Rast-0567x265 Step=0-7 Pitch+459-7aw-964"  107-236 End times  11:46 22:22 CaPeak.C/s=25 Qual=0 FePeak-21:46 FePeak.C/s=12 FePeak.C/s=12 FePeak.C/s=267x265 Step=0-7 Fitch+459-7aw-964"  107-237 End times  108-237 End times  108-237 End times  108-237 CaPeak.C/s=24 Qual=0 FePeak-00:36 FePeak.C/s=12 FPeaks=1 dt=7.75 XEW-923700 Step=0-7 Fitch+460-7aw-992		Î								
137 CaPeak.c/s=29 Qual=00	89/08/24,21:30 Start	D0Y=236 Peak								
236 End times  Havelength=1375A Exp #=94835 Rast=265"x265" Step=0" Fitch+459"  236 End times  Havelength=1375A Exp #=94835 Rast=265"x265" Step=0" Fitch+459"  237 End times  Havelength=1375A Exp #=94836 Rast=110"x200" Step=0" Fitch+459"  238 O0:44 CaPeak.c/s=24 Qual=05 Exp #=94845 Rast=110"x200" Step=0" Fitch+46"  239 End times  Havelength=1375A Exp #=94845 Rast=110"x200" Step=0" Fitch+46"  237 End times  4 O9:02 CaPeak.c/s=60 Qual=05 FePeak=03:47 Rast=240"x240" Step=15" Fitch+410"  238 Exp #=9485 Rast=110"x200" Step=15" Fitch+410"  239 End times  4 O9:02 CaPeak.c/s=46 Qual=05 FePeak=08:35 Rast=110"x200" Step=5" Pitch+410"  237 End times  4 O9:02 CaPeak.c/s=46 Qual=05 FePeak=08:35 Rast=110"x200" Step=5" Pitch+46",  238 Rast=240"x240" Step=15" Cad= 262s  24 O9:02 CaPeak.c/s=46 Qual=05 FePeak=08:35 Rast=110"x200" Step=5" Pitch+46",  258 Havelength=1375A Exp #=94888 Rast=110"x200" Step=0" Pitch+46",  259 End times  4 O9:02 CaPeak.c/s=46 Qual=05 FePeak=08:35 Rast=110"x200" Step=5" Pitch+46",  250 CaPeak.c/s=46 Qual=05 FePeak=08:35 Rast=110"x200" Step=5" Pitch+46",  250 CaPeak.c/s=46 Qual=05 FePeak=08:35 Rast=110"x200" Step=5" Pitch+46",  260 CaPeak.c/s=40 Qual=05 FePeak=08:35 Rast=110"x200" Step=5" Pitch+46",  260 CaPeak.c/s=40 Qual=05 FePeak=08:35 Rast=110"x200" Step=5" Pitch+46",  260 CaPeak.c/s=40 Qual=05 Rast=180"x1" Step=0" Pitch+438",  270 CaPeak.c/s=60 Qual=03 Rast=180"x1" Step=0" Pitch+438",  271 CaPeak.c/s=20 Qual=03 Rast=180"x1" Step=0" Pitch+438",  272 CaPeak-03 Rast=180"x1" Step=0" Pitch+438",  273 CaPeak-03 Pitch+439",  274 CaPeak-04 CaPeak-14:24 Rast=110"x200" Step=0" Pitch+438",  275 CaPeak-05 CaPeak-08:35 Rast=180"x1" Step=0" Pitch+439",  276 CaPeak-05 CaPeak-08:35 Rast=180"x1" Step=0" Pitch+439",  277 CaPeak.c/s=20 Qual=03 Rast=180"x1" Step=0" Pitch+439",  278 CaPeak-08:08 Rast=180"x1" Step=0" Pitch+439",  278 CaPeak-08:08 Rast=180"x1" Step=0" Pitch+439",  278 CaPeak-08:08 Rast=180"x1" Step=0" Pitch+439",  278 CaPeak-08:08 Rast=180"x1" Step=0" Pitch+459",  279 CaPeak-08:08 Rast=180"x1" Step=0" Pitch		00	•	-	Qua]=00	,				
#avelength=1375A		1:30	21:42	CaPeak.c/s=29	Qual= 5	FePeak=21:30	FePeak.c/s=11		dt= 7.7s	XEN-923605
End times    Capeak.c/s=25   Qual=00   Rest=21:46   Rest=0.55   Rest=0.75   Rest=0.102s				₩avelength=1375A		Exp #=94835	Rast=265"x265"		Cad=1.02s Pitch=+59"	1.024s/pixel ,Yaw≖-964"
6 22:22 CaPeak.c/s=25 Qual=4 FePeak=21:46 Rast=0°x0" Step=0" Cad=1.02s Havelength=1375A Exp #=94836 Rast=110"x200" Step=5" Pitch=+46".  237 End times  8 00:44 CaPeak.c/s=24 Qual=0 Exp #=94845 Rast=180"x1" Step=0" Cad=1.02s Pitch=+186" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=240"x240" Step=15" Cad=262s Rast=110"x200" Step=10" Pitch=+46", Cad=1.02s Rast=0" Rast=0" Rast=0" Rast=0" Rast=0" Rast=0" Pitch=+46", Cad=1.02s Rast=0" Rast=0" Rast=0" Rast=0" Pitch=+46", Cad=1.02s Rast=0" Rast=0" Rast=0" Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Rast=0" Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Rast=0" Pitch=+46", Cad=1.02s Ra	Event # = 23159 89/08/24,21:46 [ Start F	00Y=236 eak								
Havelength=1375A	"	:1:46	22:22	CaPeak.c/s=25	Qua]=00 Qua]= 4	FePeak=21:46	FePeak.c/s≖7			XEN=923606
End times    89/08/25   D0V=237				Wavelength=1375A		Exp #=94836	Rast=0"x0" Rast=110"x200"			1.024s/pixel, Yaw=-992"
End times    Qual=00   Qual=00   Rast=0'x0''   Step=0''   Step=0''   Gad=1.02s	!				89/08/2					4
8 00:44 CaPeak.c/s=24 Qual=4 FePeak=00:36 FePeak.c/s=12 #Peaks=1 dt=7.75  Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=+186  237 End times  Qual=05  Wavelength=1375A Exp #=94850  Qual=05  4 09:02 CaPeak.c/s=46 Qual=05 Wavelength=1375A Exp #=94872 Rast=110"x200" Step=5" Pitch=-46"  Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Wavelength=1375A Exp #=94872 Rast=110"x200" Step=15" Pitch=-46"  237 End times  Qual=05  Qual=05  Gual=05  Aavelength=1375A Exp #=94872 Rast=110"x200" Step=15" Pitch=-46"  Rast=240"x240" Step=15" Cad= 262s Rast=110"x200" Step=15" Cad= 262s Wavelength=1375A Exp #=94888 Rast=0"x0" Step=0" Pitch=+38",  237 End times  Qual=05  Rast=240"x240" Step=15" Cad= 262s Wavelength=1375A Exp #=94888 Rast=0"x0" Step=0" Pitch=+46",  238 Rast=0"x240" Step=16" Pitch=+46",  240 Pitch=-440" Pitch=-440",  250 Pitch=-440" Pitch=-440",  260 Pitch=-440",  2	Event # = 23160 89/08/25,00:38 [ Start F	00Y=237 ¹eak	End times							
Bast=10"x0"   Step=0"   Cad=1.02s	_	00:38	00:44	CaPeak.c/s=24	Qual=00 Qual≈ 4	FePeak=00:36	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=923700
End times  Qual=05  Rast=240"x240"  Wavelength=1375A  Exp #=94850  Exp #=94850  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Step=15"  Cad= 262s  Rast=240"x240"  Step=15"  Pitch=-410  Rast=240"x240"  Step=15"  Pitch=-440  Rast=240"x240"  Step=15"  Pitch=-440  Rast=240"x240"  Step=15"  Pitch=-440  Rast=240"x240"  Step=15"  Pitch=-440  Rast=240"x240"  Step=15"  Pitch=-440  Rast=240"x240"  Step=15"  Pitch=-440  Rast=240"x240"  Step=15"  Pitch=-440  Rast=240"x240"  Step=15"  Pitch=-440  Rast=110"x200"  Step=5"  Pitch=-440"  Rast=110"x200"  Step=15"  Pitch=-410  Rast=262s  Alavelength=1375A  Exp #=94872  Rast=110"x200"  Step=0"  Pitch=-46"  Pitch=-46"  Pitch=-46"  Rast=180"x1"  Step=0"  Step=0"  Pitch=-46"  Pitch=-410  Rast=180"x1"  Step=10"  Step=10"  Step=10"  Pitch=-410  Pitch=-410  Rast=180"x1"  Step=10"  Step=10"  Pitch=-410  Pitch=-410  Pitch=-410  Pitch=-410  Step=10"  Pitch=-410  Pitch=-410  Step=10"  Pitch=-410  Pitch=-41				Wavelength=2788A		Exp #=94845	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+186	1.024s/pixel ", Yaw=-792"
8 04:04 CaPeak.c/s=60 Qual=05 Wavelength=1375A Exp #=94850 Rast=240"x240" Step=15" Cad= 262s Wavelength=1375A Exp #=94850 Rast=110"x200" Step=5" Pitch=-410 End times  Qual=05 Wavelength=1375A Exp #=94850 Rast=240"x240" Step=5" Pitch=-440  Exp #=94872 Rast=110"x200" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Wavelength=1375A Exp #=94872 Rast=110"x200" Step=5" Pitch=+46",  Exp #=94888 Rast=180"x1" Step=0" Cad=1.02s Wavelength=2788A Exp #=94888 Rast=180"x1" Step=0" Pitch=+38",	Event # = 23161 89/08/25,03:48 [ Start F	00Y=237 eak	End times							
Exp #=94850 Rast=110"x200" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=110"x200" Step=5" Pitch=-410 Pitch=-410 Qual=05 Qual=05 Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=240"x200" Step=15" Cad= 262s Pitch=+46", 237 End times  Qual=03 Qual=03 Repeak=14:24 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=10"x200" Step=5" Pitch=+46", 240" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240" Pitch=+38", 240	0	3:48		CaPeak.c/s=60	Qual=05 Qual= 4	FePeak=03:47	FePeak.c/s=11		dt= 3.8s	XEN=923701
End times  Qual=05  4 09:02				Wavelength=1375A		Exp #=94850	Rast=240"x240" Rast=110"x200"		Cad= 262s Pitch=-410	1.024s/pixel ", Yaw=-906"
4 09:02 CaPeak.c/s=46 Qual= 5 FePeak=08:35 FePeak.c/s=7 #Peaks=1 dt= 3.8s  Rast=240"x240" Step=15" Cad= 262s  Rast=110"x200" Step=5" Pitch=+46"  237  End times  Qual=03  Gual=03  Exp #=94872 Rast=110"x200" Step=5" Pitch=+46"  Rast=110"x200" Step=5" Pitch=+46"  Rast=110"x200" Step=5" Pitch=+46"  Avelength=2788A Exp #=94888 Rast=180"x1" Step=0" Pitch=+38", pritch=+38",	Event # = 23162 89/08/25,08:34 [ Start F	D0Y=237 Peak	End times							
Havelength=1375A Exp #=94872 Rast=110"x200" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Pitch=+46" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s) Pitch=+468" (ad= 262s)	$\circ$	8:34		CaPeak.c/s≖46	Qual=05 Qual= 5	FePeak=08:35	FePeak.c/s=7		dt= 3.8s	XEN=923702
End times Qual=03 Qual=03 Qual= 4 FePeak=14:24 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Wavelength=2788A Exp #=94888 Rast=180"x1" Step=0" Pitch=+38"				Wavelength=1375A		Exp #=94872	Kast=240"x240" Rast=110"x200"		Cad= 262s Pitch=+46"	1.024s/pixel ,Yaw≖-992"
<pre>14:51    CaPeak.c/s=20    Qual= 4 FePeak=14:24    FePeak.c/s=7  #Peaks=1 dt= 7.7s</pre>		D0Y=237 Peak	End times							
Rast=0"x0" Step=0" Cad=1.02s Exp #=94888 Rast=180"x1" Step=0" Pitch=+38"		14:25				FePeak=14:24	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=923703
			-	√avelength=2788A		Exp #≖94888	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+38",	1.024s/pixel Yaw=+185"

				89/08/26	D0Y=238				
Event # = 23164 89/08/26,02:54 Start GOES BCS 02:54 FCS UVSP 02:31	D0Y=238 Peak 02:54	End times 02:56	CaPeak.c/s=20 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=02:54 Exp #=94906	FePeak.c/s=7 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+35"	XEN=923800 1.024s/pixel ,Yaw=-733"
Event # = 23165 89/08/26,05:58 80ES Start 60ES 05:58 FCS 06:34	DOY=238 Peak 05:58	End times 06:05	CaPeak.c/s=26 Wavelength=2788A	Qual=05 Qual= 5	FePeak=05:58 Exp #=94909	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	*Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=+34"	XEN=923801 1.024s/pixel ', Yaw=-740"
				89/08/27	7 DOY=239				
Event # = 11867 89/08/27,13:09			SMM Pointing:	S17E38		pitch=+151", Yaw=+647", Roll=-20deg	=+647", Rol	]=-20deg	H.Ang≈44deg
Start 60ES HXRBS 13:09:17 1 UVSP 13:14	Peak Enu L 7 13:09:54 13:11	End times 4 13:11:11	Peakc/s=76 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1706 Exp #=94972	MaxkeV=231 Rast=180"x1"	Step=0"	Pitch=+288",	", Yaw=+573"
Event # = 11868 89/08/27,16:23			SMM Pointing:	S17E36		pitch=+161",Yaw=+627",Roll=-20deg	/=+627", Rol	]=-20deg	H.Ang=43deg
Start GOES 16:15 HXRBS 16:16:09 UVSP 16:19 Radio Frequence	Peak 16:23 9 16:17:2: incy (MHz)/	tart Peak End times 6:15 16:23 16:30 6:16:09 16:17:23 16:17:59 6:19 Frequency(MHz)/Flux(sfu):	Importance=C4 (Peakc/s=55 (Wavelength=2788A (245/510)	Qual=03 Qual=01 Code=00	Tot Cts=810 Exp #=94976	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+297	Pitch=+297", Yaw=+554"
Event # = 1186 89/08/27,23:39	.9 D0Y=239	1	SMM Pointing:	S17E32		Pitch=+183",Ya	', Yaw=+577", Roll=-20deg	11=-20deg	H.Ang=40deg
Start 23:30 23:30 23:58 	eak 23:39 23:30	End times 23:49 :51 23:31:47	Importance=C4 Peakc/s=41 Wavelength=2786 Peakc/s=48	Qual=01 Qual=01 SA Associated Qual=01	Tot Cts=376 Exp #=95007 1 Event # = 11870 Tot Cts=266	MaxkeV=102 Rast=180"x1" MaxkeV=102	Step=0"	Pitch=+65	Pitch=+65",Yaw=+503"
HAKBS 23:43:0				89/08/28	28 DOY=240				
Event # = 11871 89/08/28,01:14	71 4 D0Y=240	-	SMM Pointing:			pitch=-36",Yaw=+979",Roll=-20deg	=+979", Rol	]=-20deg	
Start GOES HXRBS 01:14:0 UVSP 01:31	Peak 01 01:14:	Start Peak End Ulme 01:14:01 01:14:40 01:15:48 01:31	s Peakc/s=42 Wavelength=2788A	Qual=01 Qual=01 A	Tot Cts=450 Exp #=95009	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-15	Pitch=-156", Yaw=+909"

979" Poll=_20462	575 ,noi!zourey Step=0" Pitch=-156" Yaw≡+ono"			#Peaks=1 dt= 7.7s XEN=924000 Step=0" Cad=1.02s 1.024s/pixe1 Step=0" Pitch=-156", Yaw=+909"	. Roll=-6den	B	from 5-2 dl= /./s AEN=924001 Step=15" Cad= 262s 1.024s/pixel Step=0" Pitch=+74", Yaw=+889"	19", Roll=-20deg	, c	%reas>-1 ut= 3.85	979", Roll=-20deg Flags=NS,GB Steb=5" Pitch=-76" Vaw=+040"	, Roll=-20deg	#Peaks=1 dt= 7.7s XEN=924003 Step=15" Cad= 262s, 1.024s/pixe1	Pitch=-16
Pitch=-36" Yaw=+979"	MaxkeV=188 Rast=180"x1"	MaxkeV=102		FePeak.c/s=12 Rast=0"x0" Rast=180"x1"	Pitch=+195", Yaw=+959"		Rast=240"x240" S Rast=180"x1" S	Pitch=-36", Yaw=+979"		Rast=240"x240" S Rast=30"x30" S 4995/25	Pitch=-36", Yaw=+979" MaxkeV=860 Flag: Rast=30"x30" Step	+ = M	MaxkeV=102 FePeak.c/s=9 #P Rast=240"x240" St Bast=30"~30"	
	Tot Cts=1299 Exp #=95010	1 Event # = 11873 Tot Cts=238		FePeak=03:02 Exp #=95011		Tot Cts=14132 FePeak=04:33			Tot Cts=2771 FePeak=05:53	0	Tot Cts=395 F Exp #=95020 F		Tot Cts=304 M FePeak=07:29 F Exp #=95031 P	
	Qual=01 Qual=01 A Code=01	606/230 Associated Qual=01		Qual= 2 Qual= 2 A		Qual=01 Qual≖01 Qual≖ 1	Code=02		Qual=00 Qual=01 Qual= 1	n=1375A 410/140 606/81 1	Qual=01		Qual=03 Qual=01 Qual= 1 P Code=00 E	
SMM Pointing:	Importance=C4 Peakc/s=136 Wavelength=2788A	88 410/62 c/s=50		CaPeak.c/s=62 Wavelength=2788A	SMM Pointing:	Importance=C6 Peakc/s=41 CaPeak.c/s=360	Wavelength=2788A III/2 245/2200	SMM Pointing:	Peakc/s=88 CaPeak.c/s=51	Wavelength=1375A III/3 245/24000 410/14	SMM Pointing: Peakc/s=125 Wavelength=1375A	ointing:	mportance=U/ eakc/s=52 aPeak.c/s=66 avelength=1375A	11/1
DOY=240	02:26 02:28 02:22:45 02:23:49 Type/Intensity:	Frequency (MHz)/Flux(sfu): 02:24:49 02:24:59 02:25:15	DOY≈240 Peak End times	03:03 03:08	9	_	Type/Intensity: MHz)/Flux(sfu):	DOY=240 Peak End times	05:54:32 06:12	05:48 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	DOY=240 Peak End times 05:58:36 05:58:44 P	1	10 07:32:52 07:45	Type/Intensity: I
Event # = 11872 89/08/28,02:26 Start		ad io XRBS	t #	CS 02:16 CS VSP 03:03	t # = 11874 3/28,04:35 Start	GOES 04:29 HXRBS 04:28:58 BCS 03:53	UVSP 04:35 Radio Sweeps Radio Frequency(	# = 11875 /28,05:54 Start	_	UVSP 05:48 Radio Sweeps Radio Frequency	Event # = 10539 89/08/28,05:58 D Start P HXRBS 05:58:34 O UVSP 05:48	# = 11876 /28,07:36 Start 07:31	HXRBS 07:31:53 0 BCS 07:05 0 FCS UVSP 07:32	,

HXRBS 07:36:19 07:36:34 07:37:14	6:19 07:	36:34	•	Peakc/s=37	Associated Qual=01	Event # = 11877 Tot Cts=188	MaxkeV=102	1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 23167 89/08/28,09:15 GOES BCS 08:40 FCS UVSP 09:03		9	End times 09:17 (	CaPeak.c/s=39 Wavelength=1375A	Qual=00 Qual= 2	FePeak=09:15 Exp #=95040	FePeak.c/s=6 Rast=0"x0" Rast=30"x30"	#Peaks=2 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-66",	XEN=924004 1.024s/pixel Yaw=+940"
Event # = 23168 89/08/28,10:16 Start GOES 10:16 ECS 10:16 UVSP 10:13		DOY=240 Peak 10:16	End times 10:49	CaPeak.c/s=41 Wavelength=1375A	Qual=00 Qual= 5	FePeak=10:16 Exp #=95045	FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-61"	XEN=924005 1.024s/pixel ,Yaw=+940"
Event # = 11879 89/08/28,11:55 80ES HXRBS 11:54:31 BCS 11:50 FCS UVSP 12:16	11879 11:55 DO rt Ped 54:31 11 50 11	DOY=240 Peak 11:54:40 11:55	= 11879 8,11:55 DOY=240 Start Peak End times 11:54:31 11:54:40 11:54:57 11:50 11:55 12:16 12:16	SMM Pointing: Peakc/s=43 CaPeak.c/s=63 Wavelength=2788A	Qual=01 Qual=01 Qual= 1	Tot Cts=145 FePeak=11:55 Exp #=95052	Pitch=-36", Yaw=+979", Roll=-20deg MaxkeV=102 FePeak.c/s=13 #Peaks=1 dt= 3. Rast=0"x0" Step=0" Cad=1. Rast=180"x1" Step=0" Pitch=	#Peaks=1 Step=0" Step=0"	88 028 156	XEN=924006 1.024s/pixel  ", Yaw=+909"
Event # = 23169 89/08/28,12:18 Start GOES BCS 12:18 FCS UVSP 12:16	23169 2:18 D0 irt Pe 18 12	DOY=240 Peak 12:18	End times 12:21	CaPeak.c/s=33 Wavelength=2788A	Qual=00 Qual= 4	FePeak=12:18 Exp #=95052	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-156	XEN=924007 1.024s/pixel ", Yaw=+909"
Event # = 23170 89/08/28,13:37 Start GOES 13:21 FCS 13:47	= 23170 8,13:37 Start Pe 13:21 13 13:47	DOY=240 Peak 13:37 13:47	End times 13:54	CaPeak.c/s=52 Peak3c/s=2062 Wavelength=2788A	Qual=00 Qual= 4 SA	FePeak=13:22 Exp #=95054	FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s XI Cad= 262s 1 Pitch=-156",	XEN=924008 1.024s/pixel ;", Yaw=+909"
Event # = 23171 89/08/28,14:34 GOES Start GCS 14:31 FCS 14:20 UVSP 14:20		DOY=240 Peak 14:34	End times 15:25	CaPeak.c/s=30 Wavelength=2788A	Qual=00 Qual= 5 8A	5 FePeak=14:31 Exp #=95055	FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=-156",	XEN=924009 1.024s/pixel 5", Yaw=+909"

### 18.21   16.21.26   16.21.26   16.21.46   PeakC/S-46   Qual-10  Tot Cts=311   Maxkey-102   Peaks.c/S-66   Qual-10  Tot Cts=311   Maxkey-102   Peaks.c/S-66   Qual-10  TePeak-16.22   Peaks.c/S-66   Peaks.c/S-66   Qual-10  TePeak-16.22   Peaks.c/S-66   Peaks.c/S-66   Peaks.c/S-66   Peaks.c/S-66   Peaks.c/S-66   Peaks.c/S-66   Peaks.c/S-66   Peaks.c/S-66   Peaks.c/S-69   Peaks.c/S-79   Peaks	.vent # 9/08/2	Event # = 118/8 89/08/28,16:23 Start	D0Y=240 Peak	End times							
Mayelength=27884   Exp #=95058   Rast=180"x1"   Step=0" Pitch=-156   Pitch=-156		16:21:06 16:04	16:21:2 16:23	2 16:21:46 16:57		Qual=01 Qual=01 Qual= 1		MaxkeV=102 FePeak.c/s=13			0.0400
17:38   18:00   CaPeak.c/s=23   Qual=00   Exp #=95059   Rast=180"x1"   Step=0"   Cad=1.02s     17:38   18:00   CaPeak.c/s=23   Qual=00   Exp #=95059   Rast=180"x1"   Step=0"   Pitch=-156"     18:19   18:23   CaPeak.c/s=19   Qual=0   Qual=0   Rast=180"x1"   Step=0"   Pitch=-156"     18:29   18:29   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:20   18:29   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:20   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:20   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:20   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:20   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:20   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:20   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:20   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:21   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:22   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:23   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:24   CaPeak.c/s=19   Qual=0   Cad=1.02s     18:25   CaPeak.c/s=38   Qual=0   Cad=1.02s     18:26   CaPeak.c/s=35   Qual=0   CaPeak.c/s=10     18:27   CaPeak.c/s=35   Qual=0   CaPeak.c/s=10     18:28   CaPeak.c/s=35   Qual=0   CaPeak.c/s=10     18:29   CaPeak.c/s=35   Qual=0   CaPeak.c/s=10     18:20   CaPeak.c/s=35   Qual=0   CaPeak.c/s=10     28:21:34   CaPeak.c/s=35   Qual=0   CaPeak.c/s=10     28:21:34   CaPeak.c/s=35   Qual=0   CaPeak.c/s=10   CaPeak.c/s=10     28:21:34   CaPeak.c/s=35   CaPeak.c/s=35   CaPeak.c/s=35   CaPeak.c/s=35     28:21:34   CaPeak.c/s=35   CaPeak.c/s=35   CaPeak.c/s=35   CaPeak.c/s=35     28:21:34   CaPeak.c/s=35	SP	16:52			₩avelength=2788,	Ø	Exp #=95058	Rast=240"x240 Rast=180"x1"			1.024s/pixel
17:38   18:00   CaPeak.c/s=23   Qual=00   Exp #=95059   Rast=180"x1"   Step=0"   Cad=1.02s   Pitch=-156   Cad=1.02s   Cad=1.	ent # /08/2	= 23172 8,17:38 Start		Fod + imes							
DOY=240 Peak End times  18:19 18:23	SSV	17:36	17:38	18:00		Qual=00 Qual= 4		FePeak_r/s=R	#Dead=	- + + + + + + + + + + + + + + + + + + +	
DOY=240  18:19 18:23	SP	17:24			Wavelength=2788⊅		Exp #=95059	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-156	\tem=924011 1.024s/pixel "Yaw=+909"
18:19 18:23	ent # /08/28 FS	i .	D0Y=240 Peak	End times							
DOY=240  Peak End times  Wavelength=2788A  Exp #=95060  Rast=180"x1" Step=0" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=100"x1" Step=0" Pitch=-156  Rast=180"x1" Step=0" Pitch=-156  Rast=100"x1" ch=-156  Rast=100  Pitch=-156  Rast=100  Pitch=-156  Rast=100  Pitch=-156  Rast=100  Pitch=-156  Pitch=-156  Rast=100  Pitch=-156  Pitch=-156  Rast=100  Pitch=-156  Pitch=-1		18:18	18:19	18:23	CaPeak.c/s=19	Qua]=00 Qua]= 4		FePeak, c/s=7	#Doale - 1		2
DOY=240 Peak End times  Qual=00 Qual=00 Qual=01  18:27 18:29 CaPeak.c/s=19 Qual=01 Qual=01  Exp #=95060 Rast=180"x1" Step=0" S	. d.	18:24			Wavelength=2788A		Exp #=95060	Rast=0"x0" Rast=180"x1"	Step=0"	ut= /./s Cad=1.02s Pitch=-156	<pre></pre>
18:27 18:29	ant # '08/28 's	= 23174 1,18:27 tart	DOY=240 Peak	End times							
DOY=240  Box End times  Havelength=2788A  Exp #=95060  Rast=180"x1"  Step=0" Cad=".0.05			18:27	18:29	CaPeak.c/s=19	Qual=00 Qual= 4	FePeak=18:27	FePeak.c/s=6	#Dealca1	7 6 2 7	0
DOY=240 Peak End times 19:30 19:35 Importance=C2 Qual=01 19:31.4 19:31:28 Peakc/s=43 Qual=01 19:34 19:42 CaPeak.c/s=48 Qual= 1 FePeak=19:34 FePeak.c/s=12 #Peaks=1 dt= 3.8s 19:34 19:42 CaPeak.c/s=48 Qual= 1 FePeak=19:34 FePeak.c/s=12 #Peaks=1 dt= 3.8s Rast=240"x240" Step=15" Cad= 262s Rast=180"x1" Step=0" Pitch=-156"  DOY=240 Peak End times Qual=00 21:18 21:34 CaPeak.c/s=35 Qual= 1 FePeak=21:17 FePeak.c/s=14 #Peaks=2 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=-156" Rast=180"x1" Step=0" Pitch=-156"	P 1	8:24			Wavelength=2788A		Exp #=95060	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	cad=1.02s Pitch=-156"	AEN=924013 1.024s/pixel "Yaw≈+909"
19:31:14 19:31:28 Peakc/s=43 Qual=01 Tot Cts=140 Maxkev=102 #Peaks=1 dt= 3.8s 19:34 19:42 CaPeak.c/s=48 Qual=1 FePeak=19:34 FePeak.c/s=12 #Peaks=1 dt= 3.8s 19:34 19:42 CaPeak.c/s=48 Qual=0 Tot Cts=140 Maxkev=102 #Peaks=1 dt= 3.8s  Wavelength=2788A Exp #=95062 Rast=180"x1" Step=0" Pitch=-156"  Qual=00 21:18 21:34 CaPeak.c/s=35 Qual= 1 FePeak=21:17 FePeak.c/s=14 #Peaks=2 dt= 7.7s  Wavelength=2788A Exp #=95064 Rast=180"x1" Step=0" Pitch=-156"  Rast=0.x0" Step=0 Cad=1.02s	nt # 08/28 S	= 11880 ,19:30   tart   9:25	00Y=240 beak	End times					-		
Mavelength=2788A Exp #=95062 Rast=180"x1" Step=15" Cad= 2628 Boy=240  Boy=240  Boy=240  Boy=240  Boy=260  Boy=260  Boy=240  Boy=260  Boy=260  Boy=240  Boy=260  Boy=260  Boy=240  Boy=260  Boy=260  Boy=240  Boy=260  Boy=260  Boy=260  Boy=240  Boy=2600  Boy=2600  Boy=2600  Boy=2600  Boy=2600  Boy=2600  Boy=2600  Boy=2600  Boy=2	88 11 11	9:30:59	9:31:14	19:31:28 19:42		Qual=01 Qual=01 Qual= 1	Tot Cts=140 FePeak=19:34	MaxkeV=102 FePeak.c/s=12	#Pode of #	, , ,	
DOY=240 Peak End times Qual=00 Qual=1 FePeak=21:17 FePeak.c/s=14 #Peaks=2 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Wavelength=2788A Exp #=95064 Rast=180"x1" Step=0" Pitch=-156"		9:57 <sup>c</sup> requency	'(MHz)/F1		Wavelength=2788A 606/51		Exp #=95062	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	cad= 262s Pitch=-156"	
20:45 21:18 21:34 CaPeak.c/s=35 Qual= 1 FePeak=21:17 FePeak.c/s=14 #Peaks=2 dt= 7.7s 21:28 Wavelength=2788A Exp #=95064 Rast=180"x1" Step=0" Pitch=-156"	1t # " 8/28, St	23175 21:18 D art P	07=240 eak	End times							
21:28 Wavelength=2788A Exp #=95064 Rast=180"x1" Step=0" Pitch=-156"							FePeak=21:17	Februar C/s=14		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		:28		-35		_	Exp #=95064	Rast=0"x0" Rast=180"x1"		Cad=1.02s / Pitch=-156",	λεπ=924015 1.024s/pixel ',Υαw≈+909"

Event # 89/08/28 89/08/28 00tical 60ES 2 FCS UNSP 2	= 23176 ;22:17 :tart :2:15	DOY=240 Peak 22:17	End times 22:26	HaClass=SF CaPeak.c/s=36 Wavelength=2788A	\$23#45 Qual=01 Qual= 1	AR5653 FePeak=22:16 Exp #=95065	Mac.=DAO FePeak.c/s=10 Rast=0"x0" Rast=180"x1"	Carr.Lon.=225deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	=225deg H dt= 7.7s XI Cad=1.02s 1 Pitch=-156",	H.Ang=53deg XEN=924016 1.024s/pixe1 ', Yaw=+909"
Event #89/08/2 60ES HXRBS HXRBS FCS FCS UVSP Radio S	= 11881 1,22:45 1;42:40 12:40 2:41:32 2:41:32 2:41 13:00 Meeps Frequen	00 = 240 22:45 22:42:24 22:44 Type/I	0) st	Importance=M1 Peakc/s=255 CaPeak.c/s=715 Wavelength=2788A III/3 V/1 245/570	Qual=03 Qual=01 Qual= 1	Tot Cts=16049 FePeak=22:44 Exp #=95066	MaxkeV=231 FePeak.c/s=229 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s ) Cad= 262s ) Pitch=-156",	XEN=924017 1.024s/pixel ", Yaw=+909"
Event # 89/08/28 0ptical GOES BCS FCS UVSP	= 23177 3,23:51 Start 23:51 23:33	DOY=240 Peak 23:51	End times 23:54	HaClass=SF CaPeak.c/s=21 Wavelength=2788A	\$23W46 Qual=01 Qual= 4	AR5653 FePeak=23:51 Exp #=95067	Mac.=DAO FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	Carr.Lon.=225deg #Peaks=1 dt= 7. Step=0" Cad=1. Step=0" Pitch=	7s 02s -156	H.Ang=54deg XEN=924019 1.024s/pixel
Event #89/08/2 89/08/2 GOES HXRBS HXRBS HXRBS UVSP Radio	Event # = 11882 89/08/29,04:31 Start GOES 03:55 HXRBS 04:26:55 BCS 04:28 FCS 04:27 UVSP 04:27	DOY=241 Peak 04:31 04:27:35 04:30	End times 04:42 04:29:03 05:10 ux(sfu):	SMM Pointing: Importance=C8 Peakc/s=58 CaPeak.c/s=405 Wavelength=1375A	89/08/29 S17E84 Qual=04 Qual= 1 Qual= 1 Code=00	) D0Y=241 Tot Cts=1311 FePeak=04:30 Exp #=95074	Pitch=-36", Yaw=+949", Roll=-20deg Maxkev=102 FePeak.c/s=97 #Peaks=1 dt= 3. Rast=240"x240" Step=15" Cad= 2 Rast=10"x10" Step=0" Pitch=	+949", Roll #Peaks=1 Step=15" Step=0"	88 62s -126	H.Ang=86deg XEN=924100 1.024s/pixel ", Yaw=+930"
Event 89/08/; 60ES BCS FCS UVSP	Event # = 23178 89/08/29,05:11 Start GOES 05:10 BCS 05:10 FCS 05:07	DOY=241 Peak 05:11	End times 05:14	CaPeak.c/s=20 Wavelength=1375A	Qual=00 Qual= 4	FePeak=05:10 Exp #=95080	FePeak.c/s=6 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=-16"	XEN=924101 1.024s/pixel Yaw=+940"

Event 89/08/	Event # = 11883 89/08/29,06:37	D0Y=241		SMM Pointing:	S17E84		Pitch=-36", Yaw=	, Yaw=+949", Roll=-	=-20dea	H. Ana=86dea
GOES HXRBS BCS	Start 06:35:56 06:09	Peak 06:36:17 06:37	End times 7 06:36:25 06:47	Peakc/s=53	Qua]=03 Qua]=01	Tot Cts=372	MaxkeV=102	9	) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	
FCS UVSP Radio	06:27 Frequence	6:27 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A Exp #=95087 245/450 410/310 606/90 1415/73	606/90 14	Exp #=95087 15/73	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	ut= 3.0s Cad= 262s Pitch=-46"	AEN=9241U2 1.024s/pixel ,Yaw=+945"
Event 89/08/	Event # = 23179 89/08/29,08:05 Start	00Y=241 Peak	End times							
BCS FCS UVSP	07:39 08:05	08:05 08:10	08:19	CaPeak.c/s=47 Peak3c/s=1968 Wavelength=1375A	Qua]=00 Qua]= 6	FePeak=08:05 Exp #=95103	FePeak.c/s=9 Rast=0"x0" Rast=10"x10"	#Peaks=3 Step=0" Step=0"	dt= 7.7s Cad=1.02s Pitch=-28"	XEN=924103 1.024s/pixel ', Yaw=+947"
Event 89/08/2	Event # = 23180 89/08/29,16:59 Start	DOY=241	Fnd + imes		To be made to the second					
Optical Optical	16.36	16.50	1 .	HaClass=SF Code=BSL	\$16E84 \$17E88	AR5669 AR5669	Мас.=НКХ	Carr.Lon.=85deg Carr.Lon.=81deg	=85deg =81deg	H.Ang=86deg H.Ang=90deg
805 505 505 505 505 505 505 505 505 505	16:59	16:59	17:32	Importance=M3 CaPeak.c/s=2056	Qual=01 Qual= 6	FePeak=16:59	FePeak, c/s=677	#Peaks=1	dt= 7.7s	XEN=924104
UVSP Radio	17:25 Frequenc	17:25 Frequency(MHz)/Flux(sfu)	lux(sfu):	Peak3c/s=-1 Wavelength=2788A 245/10000 410/730	0 606/940	Exp #=95134 0 1415/190 2695	Rast=0"x0" Step=0" Cad=.26s ( Exp #=95134 Rast=180"x1" Step=0" Pitch=-156", 606/9400 1415/190 2695/260 4995/350 8800/390 15400/360	Step=0" Step=0" 00/390 15400	Cad=.26s Pitch=-156' )/360	0.256s/pixel ",Yaw=+879"
Event 4 89/08/2	Event # = 11884 89/08/29,17:23 Start	DOY=241	Fod times	SMM Pointing:	S17E84		Pitch=-36", Yaw≖+949"	+949", Roll=	, Roll=-20deg	H.Ang=86deg
Optical Optical	17.17	17.23		HaClass=1B Code=BSL	\$15E89 \$15E90	AR5669 AR5669	Mac.=HKX	Carr.Lon.=80deg Carr.Lon.=79deg		H.Ang=91deg H.Ang=92deg
HXRBS UVSP Radio		7:17:08 17:20:52 17:30:5 7:25 Frequency(MHz)/Flux(sfu)	:57 .):	importance=m2 Peakc/s=311 Wavelength=2788A 245/570 410/65 60	Qual=U3 Qual=14 Tot Ct 8A Code=02 Exp #= 606/70 1415/130 2	:s=75720 =95134 :695/200	MaxkeV=144 Rast=180"x1" 4995/200 8800/130		Flags=EN,SG,DG,ND Step=0" Pitch=-156" 15400/110	,Yaw≖+879"
Event #89/08/2	Event # = 11885 89/08/29,18:09 Start	D0Y=241	Fod + impo	SMM Pointing:	S17E84	, and a second s	Pitch=-36", Yaw=	, Yaw=+949", Roll=	, Roll=-20deg	H. Ang=86deg
Optical GOFS	18:04	18:09	18:25	HaClass=2B	\$10E79	AR5669	Mac.=HKX	Carr.Lon.=90deg	90deg	H.Ang≈81deg
HXRBS BCS FCS	18:07:54 18:11	18:08:08 18:11	18:10:01 19:04	Peakc/s=159 CaPeak.c/s=667	Qual=01 Qual= 5	Tot Cts=5010 FePeak=18:11	MaxkeV=102 FePeak.c/s=160		dt= 3.8s	XEN=924105
UVSP Radio S	17:58 Sweeps	Type/I	Type/Intensity:	Wavelength=2788A V/2	Code=00	Exp #=95135	Rdst=240"X240" Rast=180"x1"	Step=15" Step=0"	cad= 262s I Pitch=-156",	1.024s/p1xe! ",Yaw≂+879"

Event #	Event # = 11887	DOY=241		SMM Pointing:	S17E84		Pitch=-36", Yaw=+949"	+949", Roll=	, Roll=-20deg	H.Ang=86deg
Optical	tart	Peak	End times	Class=SF	N23W17	AR5655	Mac.=CSO	Carr.Lon.=185deg	185deg	H.Ang=23deg
GOES 1 HXRBS 1 UVSP 1	18:44 18:44:36 17:58	18:49 18:45:15	18:56 18:46:11	rance=C8 c/s=65 length=2788	Qual=01 Qual=01 Code=00		MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-156",	,Yaw=+879"
HXRBS 1	18:43:14	18:43:33 18	:43:54	Peakc/s=43	\ssociated Qual=01	Event # = 11000 Tot Cts=191	MaxkeV=102	•		
Event # 89/08/2	Event # = 23181 89/08/29,19:04 Start	DOY=241 Peak	End times							
GOES BCS FCS UVSP	19:04 18:58	19:04	19:04	CaPeak.c/s=26 Peak3c/s=-1 Wavelength=2788A	Qua1=00 Qua1= 5	FePeak=19:04 Exp #=95136	FePeak.c/s=5 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=3840s Pitch=-156",	XEN=924108 3840s/pixel ', Yaw=+879"
Event # 89/08/2	Event # = 11889 89/08/29,19:47	D0Y=241		SMM Pointing:	S17E84		Pitch=-36", Yaw=	,Yaw=+949",Rol}=	, Roll=-20deg	H.Ang=86deg
Optical	Start	Peak	End times	HaClass=SF	\$13E77	AR5669	Mac.=HKX	Carr.Lon.=91deg	=91deg	H.Ang=79deg
GOES HXRBS UVSP Radio		19:37 19:47 19:57 19:37:56 19:39:09 19:41:3 19:31 Frequency(MHz)/Flux(sfu)	19:57 19:41:33 ]ux(sfu):	Importance=C7 Peakc/s=42 Wavelength=2788A 606/49 1415/90	Qual=04 Qual=01 Code=00	Tot Cts=1312 Exp #=95137	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-156"	', Yaw=+879"
Event # 89/08/2	1 # = 11888 3/29,20:12	DOY=241	Fnd + imps	SMM Pointing:	S17E84		Pitch=-36", Yaw=+949"	:+949",Roll	, Roll=-20deg	H.Ang=86deg
GOES HXRBS BCS	20:07:06 19:42	20:07:20 20:12		Peakc/s=50 CaPeak.c/s=355	Qual=03 Qual=01 Qual= 1	Tot Cts=333 FePeak=20:12	MaxkeV=102 FePeak.c/s=40	#Peaks=2 C+en=15"	dt= 7.7s Xi	XEN=924107 1.024s/pixel
	20:30			Wavelength=2788A		Exp #=95138	Rast=180"x1"		Pitch=-156	", Yaw=+879"
Event #89/08/2	Event # = 12597 89/08/29,23:38	D0Y=241	Fnd times	SMM Pointing:	S17E84		Pitch=-36", Yaw=	,Yaw=+949",Roll=-20deg	=-20deg	H.Ang=86deg
GOES HXRBS UVSP	23:37:46 23:32	5 23:38:11	33	Peakc/s=64 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=775 Exp #=95167	MaxkeV=144 Rast=10"x10"	Flags=I Step=0"	Pitch=-31"	, Yaw=+920"
					08/80/68	0 D0Y=242				
Event 89/08/	Event # = 23182 89/08/30,00:55 Start	D0Y=242 Peak	End times		0					
BCS BCS	00:55	00:55	01:00	CaPeak.c/s=20	Qual=00 Qual= 4	FePeak=00:57	FePeak.c/s=8 Bast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=924200 1.024s/pixel
WSP	00:41			₩avelength=1375A		Exp #=95171	Rast=110"x200"		Pitch=-16	, Yaw=+991"

Event # = 23185 89/08/30,06:40 Start GOES BCS 06:38 FCS UVSP 06:33	85 10 DOY=242 Peak 06:40	End times 06:43	CaPeak.c/s=26 Wavelength=1375A	Qual=06 Qual= 1	FePeak=06:39 Exp #=95197	FePeak.c/s=7 Rast=0"x0" Rast=110"x200"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=-31",	XEN=924205 1.024s/pixel , Yaw=+991"
Event # = 23186 89/08/30,08:23 Start GOES BCS 08:22 FCS 08:01	186 23 D0Y=242 Peak 08:23	End times 08:30	CaPeak.c/s=26 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=08:22 Exp #=95204	FePeak.c/s=6 Rast=0"x0" Rast=243"x243"	#Peaks=1 Step=0" Step=3"	dt= 7.7s Cad=1.02s Pitch=-28",	XEN=924206 1.024s/pixel ', Yaw=+962"
Event # = 23187 89/08/30,08:41 GOES BCS 08:40 FCS UVSP 08:01	187 41 D0Y=242 Peak 08:41	End times 08:45	CaPeak.c/s=21 Wavelength=2788A	Qua]=00 Qua]= 4	FePeak=08:40 Exp #=95204	FePeak.c/s=7 Rast=0"x0" Rast=243"x243"	#Peaks=1 Step=0" Step=3"	dt= 7.7s Cad=1.02s Pitch=-28",	XEN=924207 1.024s/pixel ', Yaw=+962"
Event # = 11890 89/08/30,08:49 Start GOES HXRBS 08:46:49 BCS 08:48 FCS UVSP 08:01	890 49 DOY=242 Peak 1:49 08:47:09 (	End times 9 08:47:44 08:52	Peakc/s=49 CaPeak.c/s=33 Wavelength=2788A	Qual=01 Qual=01 Qual= 2	Tot Cts=274 FePeak=08:49 Exp #=95204	MaxkeV=102 FePeak.c/s=8 Rast=0"x0" Rast=243"x243"	#Peaks=1 Step=0" Step=3"	dt= 7.7s Cad=1.02s Pitch=-28",	XEN=924208 1.024s/pixel ,Yaw=+962"
Event # = 11891 89/08/30,14:45 Start GOES 14:40 HXRBS 14:42:58 Radio Sweeps	.45 DOY=242 .45 DOY=242 .61 DOY=242 .62 DOY=242 .63 14:45 .63 DOY=242 .64 DOY=242 .65 DOY=242 .65 DOY=242 .65 DOY=242	DOY=242 Peak End times 14:45 14:50 : 14:43:31 14:44:37 Type/Intensity:	SMM Pointing: Importance=C5 Peakc/s=113	N07W00 Qual=01 Qual=01	Tot Cts=2606	Pitch=+0", Yaw=+ MaxkeV=144	, Yaw=+0", Roll=-20deg ;4 Flags=ND	0deg	H.Ang=Odeg
Event # = 11892 89/08/30,17:37 60ES Start HXRBS 17:36:22 BCS 17:30 FCS 17:58 UVSP 17:58 Radio Sweeps Radio Frequenc	= 11892 0,17:37	End times 15 17:36:52 18:05 Intensity: Flux(sfu):	SMM Pointing:  Peakc/s=45  CaPeak.c/s=69  Wavelength=2788A  III/2  410/110	\$17E83 Qual=00 Qual=01 Qual= 5	Tot Cts=148 FePeak=17:37 Exp #=95215	Pitch=-904", Yav MaxkeV=102 FePeak.c/s=13 Rast=240"x240" Rast=180"x1"	',Yaw=+291",Roll=-90deg -13 #Peaks=1 dt= 7.7 240" Step=15" Cad= 26 1" Step=0" Pitch=-	]=-90deg   dt= 7.7s   cad= 262s   Pitch=-108	90deg H.Ang=86deg dt= 7.7s XEN=924209 Cad= 262s 1.024s/pixel Pitch=-1025", Yaw=+221"

09/00/30,18:43 Start	3 D0Y=242 Peak	End times	10						
60ES 18:43 FCS 18:43	18:43	18:58	CaPeak.c/s=18	Qual=00 Qual= 5	FePeak=18:43	FePeak.c/s=7	#Peaks=2		XEN=924210
18:31	c		₩avelength=2788A		Exp #=95216	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"		Cad=1.02s 1.024s/pixel Pitch=-475", Yaw=-951"
Event # = 23189 89/08/30,19:25 Start	9 00Y=242 Peak	End times							
BCS 19:23 FCS	19:25	19:33	CaPeak.c/s=56	Qua]=00 Qua]= 1	FePeak=19:23	FePeak.c/s=12			XFN=924211
19:31			Wavelength=2788A	_	Exp #=95217	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=-475",	1.024s/pixel 5", Yaw=-951"
Event # = 1189/ 89/08/30,20:33 Start	/ D0Y=242 Peak	End times	SMM Pointing:	S17E84		Pitch=-950", Yaw=+31", Roll=-106deg	W=+31", Roll	l=-106deg	H. Ang=87deg
GUES HXRBS 20:31:36 BCS 20:33 FCS	6 20:31:43 20:33	3 20:32:09 20:36	Peakc/s=62 CaPeak.c/s=28	Qua]=01 Qua]=01 Qua]= 4	Tot Cts=365 FePeak=20:33	MaxkeV=102 FePeak.c/s=9			
20:22			Wavelength=1375A		Exp #=95220	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s Pitch=-92	1.024s/pixel 6", Yaw=+27"
Event # = 11898 89/08/30,20:58 Start	8 D0Y≈242 Peak	End times	SMM Pointing:	S17E84		Pitch=-950", Yaw	, Yaw=+31", Roll=-106deg	=-106deg	H.Ang≈87deg
cal 20:54	20:58	21:04	HaClass=SF Importance=C4	\$14E58	AR5669	Mac.=DKC	Carr.Lon.=96deg	=96deg	H.Ang=61deg
HXRBS 21:00:44 BCS 20:40 FCS	20:57	21:00:53 21:09	Peakc/s=83 CaPeak.c/s=130	Qual=01 Qual= 1	Tot Cts=184 FePeak=20:56	MaxkeV=144 FePeak.c/s=29		dt= 7.7s	XEN=02/013
20:49 Sweeps	•	Type/Intensity:	Wavelength=1375A III/2	Code=00	Exp #=95224	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s Pitch=-926"	1.024s/pixel ",Yaw=+27"
Event # = 11899 89/08/30,22:06 Start	00Y=242 Peak	End times	SMM Pointing:	S17E83		Pitch=-39", Yaw=	, Yaw=+948", Roll:	, Roll=-20deg	H.Ang=85deg
6065 HXRBS 22:03:13 BCS 22:01 FCS	22:03:33 22:06	22:03:59 22:11	Peakc/s=55 CaPeak.c/s=27	Qual=00 Qual=01 Qual= 1	Tot Cts=633 FePeak=22:04	MaxkeV=102 FePeak.c/s=8	#Peaks=1	dt= 7 7c	YEN=024214
21:53			Wavelength=1375A		Exp #=95228	Rast=0"x0" Rast=110"x200"	Step=0" Step=5"	Cad=1.02s Pitch=-6",	1.024s/pixel ,Yaw=+991"
Event # = 11900 89/08/30,23:22 Start	D0Y=242 Peak	End times	SMM Pointing:	S17E83		Pitch=-39", Yaw=+948"	+948", Roll=	, Roll=-20deg	H.Ang=85deg
HXRBS 23:20:35 BCS 23:20 FCS	23:20:43 23:22	23:20:53 23:44	Peakc/s=42 CaPeak.c/s=86	Qual=05 Qual=01 Qual= 1	Tot Cts=95 FePeak=23:22			dt= 3.8c	XEN=024215
2	3:22 Frequency (MHz) /Elux/c.f).		Wavelength=1375A		Exp #=95234	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s Pitch=_25"	1.024s/pixel

85/08/31/0.1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/00/243 80/1010/24					89/08/31	D0Y=243				
Peak End times HaClass= F   Si5ESB   AR5669   Mac.=FKC   Carr.Lon944eg   Concentration   Concentration   Carr.Lon.   Carr	int # = 1 /08/31.01	D0Y=2	<u></u>	Pointing	S17E83		Pitch=-35",Yaw≕	+949",Roll*	20deg	H.Ang≖86deg
00:56 0 10:00	Star	t Peak	End times	HaClass=1F	S15E58	AR5669	Mac.=FKC	Carr.Lon.	-94deg	H.Ang=62deg
Type   Intensity	SS 00:5	6 01:01 7:33 00:58 0 01:02	01:06 32 01:02:22 01:34	Importance=M1 Peakc/s=1085 CaPeak.c/s=231	Qual=01 Qual=01 Qual= 1	Tot Cts=47607 FePeak=01:00	MaxkeV=321 FePeak.c/s=77 Rast=240"x240"		dt= 3.8s Cad= 262s	XEN=924300 s 1.024s/pixel
DOY-243  DOY-243  End times  OUT: 12:19 01:12:34 Peakc/s=54 Qual=01 Tot Cts=348 Maxkev=102  OUT: 11:10 01:12:34 Peakc/s=64 Qual=01 Tot Cts=348 Maxkev=102  OUT: 11:10 01:12:34 Peakc/s=64 Qual=01 Tot Cts=348 Maxkev=102  OUT: 11:10 01:12:34 Peakc/s=63 Qual=01 Tot Cts=348 Maxkev=102  OUT: 11:10 01:12:34 Peakc/s=63 Qual=01 Tot Cts=181 Maxkev=102  OUT: 13:20 01:13:48 Peakc/s=63 Qual=01 Tot Cts=181 Maxkev=102  OUT: 13:20 01:13:48 Peakc/s=63 Qual=01 Tot Cts=181 Maxkev=102  OUT: 13:20 01:13:48 Peakc/s=64 Qual=01 Tot Cts=181 Maxkev=102  OUT: 13:20 01:13:48 Peakc/s=64 Qual=01 Tot Cts=181 Maxkev=102  OUT: 13:20 01:13:48 Peakc/s=107 Qual=01 Tot Cts=181 Maxkev=102  OUT: 13:20 01:13:48 Peakc/s=107 Qual=01 Tot Cts=181 Maxkev=144  OUT: 13:20 01:13:48 Peakc/s=107 Qual=01 Tot Cts=181 Maxkev=144  OUT: 13:20 01:13:48 Peakc/s=107 Qual=01 Tot Cts=181 Maxkev=144  OUT: 13:20 01:13:48 Peakc/s=107 Qual=01 Tot Cts=181 Maxkev=144  OUT: 245/93 Capeakc/s=107 Qual=01 Tot Cts=183 Maxkev=110"x200" Step=5" Pitch=+437"  OUT: 245/93 Capeakc/s=107 Qual=01 Tot Cts=183 Maxkev=110"x200" Step=5" Pitch=+437"  OUT: 245/93 Capeakc/s=107 Qual=01 Tot Cts=183 Maxkev=110"x200" Step=5" Pitch=+437"  OUT: 245/93 Capeakc/s=107 Qual=01 Tot Cts=183 Maxkev=110"x200" Step=5" Pitch=+437"  OUT: 245/93 Capeakc/s=107 Qual=01 Tot Cts=183 Maxkev=110"x200" Step=5" Pitch=+437"  OUT: 245/93 Capeakc/s=107 Qual=01 Tot Cts=183 Maxkev=110"x200" Step=5" Pitch=+437"  OUT: 245/93 Capeakc/s=20 Qual=01 Tot Cts=1830"x1" Step=0" Pitch=+437"  OUT: 245/93 Capeakc/s=20 Qual=01 Tot Cts=1830"x1" Step=0" Pitch=+437"  OUT: 245/93 Capeakc/s=20 Qual=01 Tot Cts=1830"x1" Step=0" Pitch=+437"  OUT: 245/93 Capeakc/s=20 Qual=01 Tot Cts=1830"x1" Step=0" Pitch=+437"  OUT: 245/93 Capeakc/s=20 Qual=01 Tot Cts=1830"x1" Step=0" Pitch=+437"  OUT: 245/93 Capeakc/s=20 Qual=01 Tot Cts=1830"x1" Step=0" Pitch=+437"  OUT: 245/93 Capeakc/s=20 Qual=01 Tot Cts=1830"x1" Step=0" Pitch=+170" Step=0" Pitch=+170" Step=0" Pitch=+170" Step=0" P	SP 00:E lio Sweep lio Fre	ss Typ iquency (MHz		ength=1375A 80 410/200	Code=0 506/24	F=95239 2695/29		<u>.</u>	Pitch=-9",	Yaw=+1003"
01:12:19 01:12:34 PeakC/s=54 Qual=01 Exp #95240 Rast=265"x265" Step=5" Pitch=-15", preplintering Havelength=1375A Qual=01 Exp #95240 Rast=266"x265" Step=5" Pitch=-15", preplintering Havelength=1375A Qual=01 Tot Cts=181 Maxkev=102	ont # = 1 08/31,01		3	Pointing	S17E83		Pitch=-35", Yaw=	+949", Roll	20deg	H.Ang=86deg
Type/Intensity: 111/1 Type/Intensity: 245/310 410/900 1415/20 2695/29 4995/31 8800/48 15400/40  Type/Intensity: 245/310 410/900 1415/20 2695/29 4995/31 8800/48 15400/40  Oiver 243  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  Oiver 245  End times  End times  Oiver 245  End times  End times  Oiver 245  End times  Oiver 245  End times  End times  End times  Oiver 245  End times  End t		T Peak [1:51 01:12 [2	n D est	Peakc/s=54 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=348 Exp #=95240	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-15"	, Үам=+976"
DOY=243 End times  Qual=00  Qual=01  Qual=02  Qual=02  Qual=02  Qual=02  Qual=02  Qual=03:12  Rast=0'x0"  Rast=110"x200"  Step=0"  Capeak.c/s=27  Qual=02  Qual=03  Qual=03  O7:52:11  O7:52:11  O7:52:11  O7:52:11  O7:52:11  O7:52:11  O7:52:11  O7:52:11  DOY=243  Exp #=95250  Pitch=+69", Yaw=+835", Roll=-20deg  Qual=01  O7:52:11  O7:52:11  O7:52:11  O7:52:11  O7:52:11  O7:52:11  O7:52:11  MaxkeV=144  Rast=110"x200"  Step=0"  Step=0"  Step=0"  Gad=1.02s  Pitch=-44", Naw=+835", Roll=-20deg  Qual=01  O7:52:11  O7:52	ν i	Tyr equency(MHz equency(MHz 13:14 01:13		III/1 245/310 410/900 	1415/20 20 ssociated Qual=01	595/29 4995/31 8 Event # = 11904 Tot Cts=181	3800/48 15400/40 4 MaxkeV=102	1	t t t	1
03:14 03:17 CaPeak.c/s=27 Qual=2 FePeak=03:12 FePeaks.c/s=9 #Peaks=2 dt=7.75  Mavelength=1375A Exp #=95250 Rast=110"x200" Step=0" Cad=1.02s  Maxelength=1375A FePeak=03:12 Rast=110"x200" Step=5" Pitch=-4", pritch=-4", pritc	08/31,0 Star	23190 3:14 DOY=2 ^t Peak	t3 End time							
DOY=243  DOY=243  Exp #=95250 Rast=110"x200" Step=5" Pitch=-4", peak  DOY=243  Exp #=95250 Rast=110"x200" Step=5" Pitch=-4", peak  Oual=00  O7:52:11 07:52:30 Peakc/s=40 Qual=01  Exp #=95264 Rast=110"x200" Step=5" Pitch=+437", pitch=+37", pitch=+37", pitch=+37", pitch=+37", peak  Exp #=95264 Rast=110"x200" Step=5" Pitch=+37", pitch=+37", peak  Exp #=95264 Rast=110"x200" Step=5" Pitch=+37", peak  O8:50 O8:50 CaPeak.c/s=107 Qual=01  DOY=243  Mavelength=1375A Code=00 Exp #=95268 Rast=110"x200" Step=5" Pitch=+48", pitch=+48", peak  Exp #=95268 Rast=110"x200" Step=5" Pitch=+48", pitch=+48", pitch=+48", peak  Oual=00  Exp #=95269 Rast=110"x200" Step=5" Pitch=+48", pitch=+48", pitch=+48", pitch=+48", peak  DOY=243  Mavelength=1375A Code=00 Exp #=95268 Rast=110"x200" Step=5" Pitch=+48", pitch=+48", peak  Exp #=95289 Rast=180"x1" Step=0" Cad=1.02s  Mavelength=2788A Exp #=95289 Rast=180"x1" Step=0" Pitch=+170"		03:1	4 03	CaPeak.c/s=27	Qual= 2	FePeak=03:12	FePeak.c/s=9		dt= 7.7s Cad=1.02s	XEN=924301 1.024s/pixel
DOY=243  DOY=243  Each times  Qual=00  OT:52:11 O7:52:30 Peakc/s=40  Qual=01  DOY=243  MaxkeV=144  Rast=110"x200" Step=5" Pitch=+37", pitch=+48"  DOY=243  DOY=243  Exp #=95264  Rast=110"x200" Step=5" Pitch=+37", pitch=+37", pitch=+37", pitch=+37", pitch=+37", pitch=+37", pitch=+37", pitch=+37", pitch=+37", pitch=+37", pitch=+48"  DOY=243  Exp #=95264  Rast=110"x200" Step=5" Pitch=+37", pitch=+48"  Rast=110"x200" Step=5" Pitch=+48"  Rast=10"x200" Step=5" Pitch=+48"  DOY=243  Mavelength=1375A Code=00 Exp #=95268  Rast=110"x200" Step=5" Pitch=+48"  DOY=243  Rast=110"x200" Step=5" Pitch=+37", pitch=+48"  DOY=243  Rast=10"x200" Step=5" Pitch=+37", pitch=+48"  Mavelength=278A  Exp #=95289  Rast=110"x200" Step=5" Pitch=+37", pitch=+48"  Rast=110"x200" Step=5" Pitch=+37", pitch=+48"  Rast=110"x200" Step=5" Pitch=+37", pitch=+48"  Rast=110"x200" Step=5" Pitch=+48"  DOY=243  Rast=110"x200" Step=5" Pitch=+37", pitch=+48"  Rast=110"x200" Step=5" Pitch=+37", pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=240"x240" Step=5" Pitch=+48"  Rast=278 Rast=180"x1" Step=0" Pitch=+170"  Rast=278 Rast=180"x1" Step=0" Pitch=+170"  Rast=278 Rast=180"x1" Step=0" Pitch=+170"  Rast=278 Rast=180"x1" Step=0" Pitch=+170"  Rast=240"x240" Step=0" Pitch=+48"  Rast=100"x240" Step=0" P		74		ength=137	_	Exp #=95250	Rast=110"x200"		Pitch=-4",	Yaw=+1014"
Qual=00 07:52:11 07:52:30 Peakc/s=40 Qual=01 Tot Cts=113 MaxkeV=144 Rast=110"x200" Step=5" Pitch=+37", y(MHz)/Flux(sfu): 245/93 End times Peak End times Wavelength=1375A Code=00 Exp #=95268 Rast=110"x200" Step=15" Cade=262s Peak (Secondary Code=00 Exp #=95268 Rast=110"x200" Step=15" Pitch=+48" Peak (Peak Code=00 Exp #=95268 Rast=110"x200" Step=5" Pitch=+48" Peak Code=00 Exp #=95268 Rast=110"x200" Step=0" Cade=10.02s Peak Exp #=95289 Rast=180"x1" Step=0" Pitch=+170	nt # = 08/31,0	11901 7:52 DOY=2	13 Fnd time	۵ ا	S18E57		Pitch=+69", Yaw=	:+835", Roll	=-20deg	H.Ang=62deg
# = 23191 Start Peak End times Start Peak (08:55	35 88 07:: 3P 07:: 110 Fr	52:06 07:52 41 equency (MH;	, 0	Peakc/s=40 Wavelength=1375A 245/93	Qual=00 Qual=01		MaxkeV=144 Rast=110"x200"	Step=5"	Pitch=+37"	', Yaw=+920"
08:37			13 End time 08:55		Qual=01		ates/o desagn			XFN=924302
<pre>1  # = 23192 3/31,15:10</pre>				CaPeak.c/s=10/ Wavelength=1375A		FePeak=06:50 Exp #=95268	Rast=240"x240" Rast=110"x200"			-
0ual=00 15:08 15:10 15:12 CaPeak.c/s=20 Qual= 4 FePeak=15:10 FePeak.c/s=8 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s 15:28 Wavelength=2788A Exp #=95289 Rast=180"x1" Step=0" Pitch=+170	- m		Fnd Fnd							
15:28 Wavelength=2788A Exp #=95289 Rast=180"x1" Step=0" Pitch=+170		15:1		CaPeak.c/s=20	Qual=00 Qual= 4		FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=924303
	15	28		6)	4	Exp #=95289	Rast=180"x1"	Step=0"	Pitch=+17	0", Yaw=+596"

CaPeak.c/s=19 qual=00  Wavelength=2788A  SMM Pointing:  BeakClass=SF S28E18  Qual=01  CaPeak.c/s=250  Wavelength=2788A  Wavelength=2788A  Wavelength=2788A  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  Wavelength=2788A  FaxClass=SF S19E64  Qual=01  CaPeakc/s=40  Qual=01  Wavelength=2788A  FaxClass=SF S19E64  Qual=01  Wavelength=2788A  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  SMM Pointing:  Oual=00  Qual=00  Oual=00					
Mavelength=2788A  DOY=243  DOY=243  End times  HaClass=SF  Qual=01  16:38:21 16:38:53 Peakc/s=46  Qual=01  16:42  DOY=243  End times  HaClass=SF  SIGE53  Qual=01  DOY=243  End times  Bayelength=2788A  HaClass=SF  SIGE53  Qual=01  Wavelength=2788A  HaClass=SF  SIGE53  Qual=01  Wavelength=2788A  End times  Wavelength=2788A  HaClass=SF  SIGE53  Qual=01  16:57  17:03  CaPeakc/s=40  Qual=01  Wavelength=2788A  HaClass=SF  SIGE53  Qual=01  Wavelength=2788A  FaClass=SF  SIGE53  Qual=01  Wavelength=2788A  HaClass=SF  SIGE53  Qual=01  Wavelength=2788A  HaClass=SF  SIGE53  Qual=01  Wavelength=2788A  FaClass=SF  Qual=01  Wavelength=2788A  FaClass=SF  Qual=01  Qual=01  HaClass=SF  Qual=01  Qual=01  Qual=01  HaClass=SF  Qual=01  Qual=01  Qual=01  HaClass=SF  Qual=01	Qual=00 eak.c/s=19 Qual= 4	FePeak=15:14 FePeak.c		dt= 7.7s	XEN=924304
DOY=243  Peak  HaClass=SF S28E18  HaClass=SF S28E18  16:38  16:38  16:42  16:46  HaClass=SF S28E18  DOY=243  DOY=243  DOY=243  End times  HaClass=SF S16E53  HaClass=SF S16E53  HaClass=SF S16E53  HaClass=SF S16E53  HaClass=SF S16E53  HaClass=SF S16E53  HaClass=SF S16E53  HaClass=SF S16E53  HaClass=SF S16E64  DOY=243  SMM Pointing: NO7WOO  Peak  HaClass=SF S19E64  Qual=00  17:04:29 17:04:46 PeakC/s=40  Qual=01  Wavelength=2788A  HaClass=SF S19E64  Qual=01  Wavelength=2788A  HaClass=SF S27E19  Qual=01  Mavelength=2788A  Peak  HaClass=SF S27E19  Qual=00	elength=2788A		0" Step=0" "x1" Step=0"	Cad=1.02s 1 Pitch=+170",	1.024s/pixel ",Yaw=+596"
16:38:21 16:38:53 Peakc/s=46 Qual=01	1	Pitch=+290",	90", Yaw=+911", Roll=Odeg	]=0deg	
16:38:21 16:38:53 Peakc/s=46 qual=01 16:42	Class=SF	AR5670 Mac.=CA0	Carr.Lon.=125deg	.=125deg	H.Ang≖39deg
DOY=243 Peak  HaClass=SF SIGE53 Ual=00  16:50:41 16:51:10 Peakc/s=44 Qual=01  Mavelength=2788A  HaClass=SF SIGE53 Ual=01  Mavelength=2788A  HaClass=SF SIGE53 Qual=01  16:57 17:03 CaPeakc/s=53 Qual=01  Wavelength=2788A  HaClass=SF SIGE64 Qual=01  Wavelength=2788A  HaClass=SF Qual=01  Wavelength=2788A  DOY=243 SMM Pointing: Wavelength=2788A  HaClass=SF Qual=01  Wavelength=2788A  HaClass=SF Qual=01  Wavelength=2788A  Oual=00  Oual=00	Qual=01 Qual=10 Qual=1	Tot Cts=730 MaxkeV=102 FePeak=16:42 FePeak.c/s=43 Exp #=95291 Rast=180"x1"	02 /s=43 #Peaks=2 "x1" Step=0"	dt= 7.7s Pitch=+170	dt= 7.7s XEN=924306 Pitch=+170",Yaw=+626"
16:50:41 16:51:10 Peakc/s=44 Qual=01 Wavelength=2788A  D0Y=243 SMM Pointing: S17E80 HaClass=SF S16E53 16:47:32 16:48:26 Peakc/s=53 Qual=01 16:57 17:03 CaPeakc/s=53 Qual=01 Havelength=2788A  D0Y=243 SMM Pointing: N07W00 Peak End times HaClass=SF S19E64 Qual=01 Wavelength=2788A  D0Y=243 SMM Pointing: N07W00 Peak End times HaClass=SF S27E19 Peak End times HaClass=SF S27E19 Qual=00	1	Pitch=+291"	91", Yaw=+1060", Roll=0deg	oll=Odeg	
16:50:41 16:51:10 Peakc/s=44 qual=01 Mavelength=2788A Qual=01 Peak Graps SMM Pointing: S17E80 Peak HaClass=SF S16E53 Qual=01 16:57 17:03 CaPeakc/s=53 Qual=01 Graps ST S16E3 Qual=01 Graps ST SMM Pointing: NO7W00 Peak End times HaClass=SF S19E64 Qual=01 Mavelength=2788A Qual=01 Mavelength=2788A Qual=01 Mavelength=2788A Peak End times SMM Pointing: NO7W00 Peak End times HaClass=SF S27E19 Qual=00 Gual=00 Gual=01 Peak S27E19	Class=SF	AR5669 Mac.=FKC	Carr.Lon.=90deg	=90deg	H.Ang≖57deg
DOY=243  Peak  HaClass=SF  SIGE53  HaClass=SF  Qual=00  Qual=01  16:47:32 16:48:26 Peakc/s=53 Qual=01  16:57 17:03 CaPeak.c.c/s=63 Qual=1  Wavelength=2788A  DOY=243  SMM Pointing: NO7W00  DOY=243  DOY=243  SMM Pointing: NO7W00  Peak  HaClass=SF  Qual=01  Wavelength=2788A  Qual=00  17:04:29 17:04:46 Peakc/s=40 Qual=01  Wavelength=2788A  Qual=00  Peak  HaClass=SF  Qual=00  Qual=00	Qual=01 Tot Exp	Cts=339 MaxkeV=102 #=95291 Rast=180"x1"	)2 "x1" Step=0"	Pitch=+170"	", Yaw=+626"
16:47:32 16:48:26 Peakc/s=53 Qual=01 16:57 17:03 CaPeak.c.c/s=53 Qual=01 16:57 17:03 CaPeak.c.c/s=402 Qual=01  Wavelength=2788A  Bayelength=2788A  HaClass=SF S19E64  Qual=01  Wavelength=2788A  NO7W00  Peak End times SMM Pointing: NO7W00  Peak End times HaClass=SF S27E19  Qual=01	Pointing:	Pitch=+295"	, Yaw=+897"	, Roll=Odeg	H.Ang=82deg
16:57 15:48:26 Peakc/s=53 Qual=01 16:57 17:03 CaPeak.c/s=402 Qual=01 16:57 17:03 CaPeak.c/s=402 Qual=01  Wavelength=2788A  17:04:29 17:04:46 Peakc/s=40 Qual=01  Wavelength=2788A  DOY=243 SMM Pointing: NO7W00 Peak End times HaClass=SF S27E19  Qual=00	Class=SF	AR5669 Mac.=FKC	Carr.Lon.≖90deg	≠90deg	H.Ang≈57deg
DOY=243 SMM Pointing: N07W00 Peak End times HaClass=SF S19E64 DOY=29 17:04:46 Peakc/s=40 Qual=01 Tot Wavelength=2788A Exp DOY=243 SMM Pointing: N07W00 Peak End times HaClass=SF S27E19	Qual=01 Qual=1	Tot Cts=623 MaxkeV=102 FePeak=16:56 FePeak.c/s=57		dt= 7.7s	XEN=924307
DOY=243 SMM Pointing: N07W00 Peak End times HaClass=SF S19E64 17:04:29 17:04:46 Peakc/s=40 Qual=01 Tot Wavelength=2788A Exp DOY=243 SMM Pointing: N07W00 Peak End times HaClass=SF S27E19	elength=2788A Exp	Rast=180"x180" #=95291 Rast=180"x1"	'x180" Step=10" 'x1" Step=0"	Cad= 332s 1 Pitch=+170",	1.024s/pixel ",Yaw=+626"
17:04:29 17:04:46 Peakc/s=40 Qual=00 Tot Wavelength=2788A Exp Exp DOY=243 SMM Pointing: NO7W00 Peak End times HaClass=SF S27E19 Qual=00	Pointing:	Pitch=-3	Pitch=-3", Yaw=+6", Roll=0deg	<b>6</b> ð	H.Ang=0deg
17:04:29 17:04:46 Peakc/s=40 Qual=01 Tot Wavelength=2788A Exp  D0Y=243 SMM Pointing: NO7W00 Peak End times HaClass=SF S27E19 19:21:07 10:21:44 Peak	Class=SF	AR5671	Carr.Lon.=79deg	=79deg	H. Ang=68deg
DOY=243 SMM Pointing: NO7W00 Peak End times HaClass=SF S27E19 19:31.07 10:31.44 po.t.	c/s=40 Qual=01 Tot length=2788A Exp	Cts=157 MaxkeV=102 #=95291 Rast=180"x1	)2 'x1" Step=0"	Pitch=+170"	', Yaw=+626"
HaClass=SF S27E19 Qual=00	Pointing:	Pitch=-1	Pitch=-1", Yaw=+1", Roll=-20deg	0deg	H.Ang=Odeg
18.30.06 18.31.07 10.31.44 Bank 2.7.57	Class=SF S27E19	AR5670 Mac.=CA0	Carr.Lon.=123deg	=123deg	H.Ang=39deg
.8:23 Wavelength=1375A Exp	c/s=57 Qual=01 Tot length=1375A Exp	Cts=786 MaxkeV=102 #=95300 Rast=30"x30"	12 30" Step=5"	Pitch=-71", Yaw=-64	Yaw=-64"

Start 60ES 16:16 HXRBS 16:15:19 BCS 16:18 FCS 16:18 PCS 18:23	ırt	200	44.4	SAM POINT ING.						
	16 15:19 18	reak 18:45 16:19:37 16:25	End times 00:01 16:26:52 16:29	Importance=M2 (Peakc/s=833 (CaPeak.c/s=1767 (	Qual=01 Qual=11 Qual= 1	Tot Cts=78152 FePeak=16:24	MaxkeV=369 FePeak.c/s=470 Rast=240"x240"	gs=  aks n=1	dt= 7.7s Cad= 262s	XEN=924305 1.024s/pixel
	23 equenc	18:23 Frequency(MHz)/Flux(sfu)		Wavelength=1375A 245/54 410/1300 6	06/480 14	ength=1375A Exp #=95300 4 410/1300 606/480 1415/160 2695/280	Rast=30"x30" Ste 4995/330 8800/430 1	540 540	" Pitch=-71", 0/430	Yaw=-64"
Event # = 11911 89/08/31,19:33	11911	DOY=243	Fnd times	SMM Pointing:	N07W00		Pitch=-1", Yaw=+1", Roll=-20deg	l",Roll=-20	deg	H.Ang≕Odeg
GOES HXRBS 19: UVSP 19:	:33:42 :33	19:33:48		Peakc/s=43 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=105 Exp #=95305	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-66",	, Yaw=-74"
Event # = 11912 89/08/31,19:53		DOY=243	Fod +impo	SMM Pointing:	N07W00		Pitch=-1",Yaw=+1",Roll=-20deg	1",Roll=-20	)deg	H.Ang=Odeg
Optical		reak		HaClass=SF	\$17E70			Carr.Lon.≖71deg	=71deg	H.Ang≃73deg
HXRBS 19 UVSP 19	19:53:47 19:45	19:53:54	19:54:01	Peakc/s=41 Wavelength=1375A	Qual=01	Tot Cts=72 Exp #=95307	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-71",	, Yaw=-79"
Event # = 11913 89/08/31,20:55 Start	11913 20:55 art	DOY=243 Peak	End times	SMM Pointing:	S16E50		Pitch=+73", Yaw=+772"	+772",Roll	, Roll=-20deg	H.Ang=55deg
G0ES HXRBS 20 BCS 20		20:53:13 20:55	20:54:02 21:42	Peakc/s=43 CaPeak.c/s=101	Qual=00 Qual=01 Qual= 4	Tot Cts=640 FePeak=20:51	MaxkeV=102 FePeak.c/s=9	#Peaks=1 <pre>C+on=15"</pre>	dt= 7.7s Cad= 262s	XEN=924308 1.024s/pixel
	20:50			Wavelength=1375A		Exp #=95310	Rast=265"x265"	Step=13		, Yaw=+785"
Event # = 23194 89/08/31,22:41 Start GOES BCS 22:21 ECS	= 23194 1,22:41 Start 22:21	DOY=243 Peak 22:41	End times 23:14		Qua]=00 Qua]= 4	FePeak=22:21	FePeak.c/s=8 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=924309 1.024s/pixel
UVSP 22	:45			Wavelength=1375A		Exp	Rast=265"x265"	1	Pitch=+86	, Yaw≖+//b"
					10/60/68	1 DOY=244				
Event # = 11914 89/09/01,00:09 Start	= 11914 00:09	DOY=244	Fnd times	SMM Pointing:	S16E49		Pitch=+78",Yaw=	', Yaw=+762", Roll=-20deg	≖-20deg	H.Ang=54deg
GOES HXRBS 00 UVSP 00	00:09:25 (	00:09:40	00:09:40 00:09:44	Peakc/s=39 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=110 Exp #=95317	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+37"	Pitch=+37",Yaw=+866"

23:52 00:31 Frequenc 73:52 00:31 Frequenc 7 = 23196 01:25 Start 01:24 01:27 01:24 01:27 01:27 03:03 03:03 03:03 01:03:35 01:03:35 01:07:12 03:35	ent # = 2319	2			-	14.	William William Committee on the Committee of the Committ			a contract of the contract of
00:45 00:50 CaPeak.c/s-62 Qual=05 Expeak-00:45 FePeak.c/s-10 Freek.c/s-10 Freek.c/s-10 Freek.c/s-10 Step=0 Cad=1.02s Pitch=+57.  1415/350 4995/24 8800/35 Exp #=95321 Rast=20.x30" Step=0 Cad=1.02s Pitch=+57.  1415/350 4995/24 8800/35 Exp #=95321 Rast=265"x269 Step=0 Fitch=+59.  1008-244 End times  00a1-05 02:19 CaPeak.c/s=34 Qual=0 FePeak=02:57 Rast=265"x269 Step=0 Fitch=+193".  1008-244 End times  0008-244 9/01,00:45 Start	DOY=244 Peak	End times		,						
DOW-244  DOY-244  End times  Oual=05  Oual=05  Oual=05  Oual=05  Oual=06  O		00:45	00:50	eak.c/s	Qual=02 Qual= 2		FePeak.c/s=10	#Peaks=3	dt= 3.8s	XEN=924310
01:25 02:19 CaPeak.c/s=102 Qual=05 FePeak-01:24 FePeak.c/s=9 FPeaks=1 dt=3.8s	UVSP 00:31 Radio Freque	ncy(MHz)/F	:lux(sfu):		8800/3	<b>*#</b> ≈	Kast≈0"x0" Rast≈30"x30"	Step=0" Step=5"		
01:25 02:19 (apeak.c/s=102	nt # = 2319 09/01,01:25 Start	6 D0Y=244 Peak	End times							
DOY=244		01:25	02:19	eak.c/	Qual=05 Qual≖ 5	FePeak=01:24	FePeak.c/s=9			XFN=924400
DOY=244 End times  Wavelength=1375A  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=01  Exp #=95333  Rast=30"x30" Step=6" Pitch=+1d" x2d0" Step=6" Pitch=+1d" yaw=+741", Roll=-20deg  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=01  Exp #=95333  Oual=00  Oual=01  Exp #=95333  Oual=00  Oual=00  Oual=00  Exp #=95333  Oual=00  Exp #=95334  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Exp #=95333  Oual=00  Oual=00  Exp #=95334  Oual=00  Oual=00  Oual=00  Exp #=95334  Oual=00  Oual=00  Oual=00  Exp #=95336  Oual=00  Oual=00  Exp #=95336  Oual=00  Oual=00  Oual=00  Oual=00  Exp #=95336  Oual=00  Oual=00  Exp #=95336  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Oual=00  Exp #=95336  Oual=00  Oual				elength=137		**	Rast=240"x240" Rast=265"x265"		=	1.024s/pixel, Yaw=+762"
03:04 03:25 CaPeak.c/s=34 Qual=10	nt # = 2319, 09/01,03:04 Start	7 D0Y=244 Peak	End times		The state of the s					
DOY=244		03:04	03:25	eak.c/s=3	Qual=00 Qual= 1	FePeak=02:57	FePeak.c/s=8			XEN=924401
D0Y=244	03:03			elength=137		#=9533	Rast=240"x240" Rast=30"x30"		_	1.024s/pixel Yaw=+871"
03:29:38 03:29:48 Peakc/s=48 Qual=01 Tot Cts=132 MaxkeV=102 Step=5" Pitch=+16" Exp #=95336 Rast=50"x50" Step=5" Pitch=+16" D0V=244 End times Wavelength=1375A Exp #=95338 Rast=50"x50" Step=5" Pitch=+11" D0V=244 End times Wavelength=1375A Exp #=95338 Rast=50"x50" Step=5" Pitch=+11" D0V=244 End times May Pointing: S16E46 Peak.c/s=11 #Peaks=1 dt= 3.8s Rast=50"x50" Step=5" Pitch=+11" D0V=244 End times SMM Pointing: S16E46 Peak.c/s=10" Mac.=EKI Carr.Lon.=81deg O0:17:39 O6:55:04 Peakc/s=172 Qual=01 Tot Cts=1.46E+5 MaxkeV=275 Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+110" Cad=1.02s Rast=0"x0" Step=5" Pitch=+10" Cad=1.02s Rast=0"x0" Step=5" Pitch=+10" Cad=1.02s Rast=0"x0" Step=5" Pitch=+10" Cad=1.02s Rast=0"x0" Step=5" Pitch=+10" Cad=1.02s Rast=0"x0" Step=5" Pitch=+10" Cad=1.02s Rast=0"x0" Step=5" Pitch=+50", Cad=1.02s Rast	it # = 11918 9/01,03:29 Start	) D0Y=244 Peak	End times	Pointing	S16E47		Pitch=+90", Yaw=	+741", Roll=	=-20deg	H.Ang=52deg
DOY=244  Peak End times  Oual=00  03:35  03:50  CaPeak.c/s=56  Qual= 1  Exp #=95338  Rast=240"x240"  Rast=240"x240"  Rast=240"x240"  Boy=244  Doy=244  Exp #=95338  Rast=50"x50"  FePeak.c/s=11  Rast=240"x240"  SMM Pointing: S16E46  Peak Of:12  11:21  Importance=M5  Qual=01  Of:12  Of:12  Of:12  Of:12  Of:12  Of:12  Of:12  Of:12  Of:13  Of:14  Navelength=1375A  Mavelength=1375A  Rast=0"x0"  Rast=0"x0"  Rast=0"x0"  Rast=0"x0"  Step=5"  Pitch=+95", Yaw=+731", Roll=-20deg  Pitch=+95", Yaw=+731", Roll=-20deg  Pitch=+910"  Rast=0"x0"  Rast=0"x0"  Step=6"  Step=6"  Step=6"  Of=1.02s  Navelength=1375A  Rast=0"x0"  Associated Event # = 11915  Of=1.02s  Navelength=1375A  Associated Event # = 11916  Navelength=1375A  Rast=0"x0"  Rast=0"x0"  Rast=0"x0"  Step=5"  Pitch=+110"  Step=6"  Step=6"  Of=1.02s  Step=6"  Of=1.02s  Rast=0"x0"  Associated Event # = 11916  Naxkev=102  Navelength=1375A  Associated Event # = 11916  Associat	S 03:29:27 03:24	03:29:38	03:29:48	5A	Qual=00 Qual=01	Tot Cts=132 Exp #=95336	MaxkeV=102 Rast=50"x50"	Step=5"	Pitch=+16",	Yaw=+859"
03:35 03:50 CaPeak.c/s=56 Qual=1 FePeak=03:35 FePeak.c/s=11 #Peaks=1 dt= 3.8s    Mavelength=1375A	t # = 23198 9/01,03:35 Start		End times							
DOY=244		03:35	03:50		Qual=00 Qual= 1	ν.	FePeak.c/s=11			XEN=924402
DOY=244 End times Peak End times  HaClass=SN S18E54 AR5671 Mac.=EKI Carr.Lon.=81deg  07:12 11:21 Importance=M5 Qual=02	03:35			37		#=95338	Rast=240"x240" Rast=50"x50"		_	1.024s/pixel Yaw=+858"
HaClass=SN   S18E54   AR5671   Mac.=EKI   Carr.Lon.=81deg     11:21	t # = 11917 9/01,07:12 Start		End times	Pointing:	S16E46		Pitch=+95", Yaw=	+731", Roll=	20deg	H.Ang=51deg
06:07:00 06:17:39 06:55:04 Peakc/s=172 Qual= 01 Tot Cts=1.46E+5 Maxkev=275	cal 04:05	07:12	1		\$18E54	AR5671	Mac.=EKI	Carr.Lon.=		H.Ang=59deg
Prequency (MHz)/Flux(sfu):   Wavelength=1375A   Exp #=95358   Rast=265"x265"   Step=0"   Cad=1.02s     Frequency (MHz)/Flux(sfu):   606/830   1415/1200   2695/3000   4995/1300   8800/670   15400/450     Frequency (MHz)/Flux(sfu):   606/830   1415/1200   2695/3000   4995/1300   8800/670   15400/450     Frequency (MHz)/Flux(sfu):   606/830   1415/1200   2695/300   4995/1300   8800/670   15400/450     Frequency (MHz)/Flux(sfu):   606/830   1415/1200   2695/300   2695/300   2695/300     Frequency (MHz)/Flux(sfu):   606/830   1415/1200   606/830   606/8	S 06:07:00 04:32	06:17:39 05:22	06:55:04 05:24	Peakc/s=172 CaPeak.c/s=326	Qual=01 Qual= 2	Tot Cts=1.46E+5 FePeak=05:22	MaxkeV=275 FePeak.c/s=39	eaks=1	dt= 7.7s	XEN=924403
05:14:42 05:15:02 05:15:23 Peakc/s=42 Qual=01 Tot Cts=208	07:35 o Frequenc	cy (MHz)/F1	lux(sfu):	Wavelength=1375A 606/830 1415/1200 Ass	2695/300 sociated	Exp #=95358 00 4995/1300 8800 Fvent # = 11915	Rast=0"x0" Rast=265"x265" //670 15400/450	ep=0" ep=5"	Cad=1.02s Pitch=+110'	1.024s/pixel ,Yaw≈+728"
05:19:08 05:19:35 05:22:25 Peakc/s=44 Qual=03 Tot Cts=677 MaxkeV=102 Flags=EN 05:07 MaxkeV=102 Flags=EN Pitch=+50"	•	05:15:02	05:15:23	Peakc/s=42 ( Wavelength=1375A Ass	Qual=01	Tot Cts=208 Exp #=95348 Fvent # = 11916	MaxkeV=144 Rast=30"x30"	eb=5"	 Pitch=+50",	Yaw=+640"
		05:19:35	05:22:25	Peakc/s=44 ( Wavelength=1375A	Qua]=03	Tot Cts=677 Exp #=95348	MaxkeV=102 Rast=30"x30"	ags≖EN ap≖5"	 Pitch=+50",)	

	9:08 C quency	04:39:08 04:39:13 04:39 04:34 Frequency(MHz)/Flux(sf	; (r :50	Peakc/s=44 ( Wavelength=1375A 410/200 606/170	sociated Qual=01	Event # = 11919 Tot Cts=81 Exp #=95342	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+54",	, Yaw=+648"
Event # = 11920 89/09/01,08:20 Start Optical 60ES 08:13 6AS 08:09:00 6AS 08:09:00 BCS 07:44 FCS 08:19 UVSP 08:19 Radio Sweeps	1920 1:20 [ t F 7:52 ( 9:00 4 ( 4 ( 8	# = 11920 01,08:20	8 +C	SMM Pointing: S HaClass=SB Importance=X2 Peakc/s=17950 CaPeak.c/s=7746 Wavelength=1375A ( III/3 1415/120 2695/360	\$16E45 \$20E65 Qual=03 Qual=01 Qual= 1 Code=00	Pointing: \$16E45	==EKI eV=860 ak.c/s= =0"x0" =10"x10	,Yaw=+721",Roll=-20d Carr.Lon.=69deg Flags=M5 Flags=M5 Step=0" Cad=1 Step=0" Cad=1 Step=0" Pitch	eg .7s .02s =+55"	H.Ang=50deg H.Ang=69deg Dur=720sec XEN=924405 1.024s/pixel , Yaw=+852"
Event # = 23199 89/09/01,15:01 Start GOES 14:58 BCS 15:30 FCS		DOY=244 Peak 15:01 15:34	End times 15:38 15:38	Importance=M2 CaPeak.c/s=140	Qual=05 Qual= 6	FePeak=15:37	FePeak.c/s=12 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=924406 1.024s/pixel
Event # = 11921 89/09/01,15:43 Start Optical GOES 15:38 HXRBS 15:38:05 Radio Frequence	11921 5:43 rt rt 39 38:05 squenc	DOY=244 Peak 15:43 15:40:25 3y(MHz)/F	= 11921 1,15:43 DOY=244 Start Peak End times 15:39 15:43 15:50 15:38:05 15:40:25 15:43:25 Frequency(MHz)/Flux(sfu):	SMM Pointing: HaClass=SF Importance=M2 Peakc/s=101 4995/54	\$16E40 \$17E57 Qual=01 Qual=01	AR5671 Tot Cts=7529	Pitch=+126", Yaw Mac.=EKI MaxkeV=144	, Yaw=+668", Roll=-20d Carr.Lon.=73deg	,Roll=-20deg Lon.=73deg	H.Ang=46deg H.Ang=61deg
Event # = 11922 89/09/01,17:14 Start Optical GOES HXRBS 17:13:38 UVSP 17:31	= 11922 11,17:14 Start 17:13:38 17:13:38	DOY=244 Peak 17:14:27	End times 17:14:56	SMM Pointing: HaClass=SF Peakc/s=61 Wavelength=2788A	\$16E39 \$19E55 Qual=01 Qual=01	AR5671 Tot Cts=668 Exp #=95376	Pitch=+131", Yaw Mac.=EKI MaxkeV=102 Rast=180"x1"	,Yaw=+659",Roll=-20deg Carr.Lon.=75deg "Step=0"Pitch=+	20deg  -75deg  Pitch=+12"	H.Ang=45deg H.Ang=60deg , Yaw=+586"
Event # = 11924 89/09/01,17:21 Start GOES HXRBS 17:21:01 UVSP 17:31	11924 17:21 art :21:01 :31	DOY=244 Peak 17:21:19	End times 9 17:21:43	SMM Pointing: Peakc/s=60 Wavelength=2788A	\$16E39 Qual=00 Qual=01	Tot Cts=354 Exp #=95376	Pitch=+131", Yaw MaxkeV=188 Rast=180"x1"	, Yaw=+659", Ro " Step=0"	,Roll=-20deg 0" Pitch=+12"	H.Ang=45deg , Yaw=+586"
Event # = 89/09/01,1 89/09/01,1 60ES Sta BCS 18: FCS UVSP 18:	= 23200 1,18:21 Start 18:17 18:09	DOY=244 Peak 18:21	End times 19:12	CaPeak.c/s=92 Wavelength=2788A	Qua]=00 Qua]= 5 A	FePeak=18:50 Exp #=95377	FePeak.c/s=16 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+14	XEN=924407 1.024s/pixel ", Yaw=+582"

Event	# = 11923									
/60/68	89/09/01,18:49 Start	D0Y=244 Peak	End times	SMM Pointing:	S16E38		Pitch=+135", Ya	, Yaw=+649", Ro]	, Roll=-20deg	H.Ang≖44deg
HXRBS UVSP	77,	18:49:03	m	Peakc/s=51 Wayelength=2788A	Qual=00 Qual=01	Tot Cts=173 Exp #=95378	MaxkeV=102 Rast=180"x1"	Sten=0"	Di+ch=+16"	. Vaw=+577"
Rad 10 Rad 10	Sweeps Frequen	reeps Type/Intensity Frequency(MHz)/Flux(sfu)		II/2 III/2 245/2500 410/55				) }		/ C - AB - 1
Event 89/09/	Event # = 23201 89/09/01,19:51 Start	DOY=244 Peak	End times							
GOES BCS	19:49	19:51	20:44	CaPeak.c/s=79	Qual=00 Qual= 5	FePeak=20:21	FePeak.c/s=12		dt= 7.7s	XEN=924408
UVSP	19:41			Wavelength=2788A		Exp #=95379	Rast=240"x240" Rast=180"x1"	Step=1 Step=0	Cad= 262s Pitch=+18",	1.024s/pixel, Yaw=+573"
Event 89/09/(	# = 11925 )1,21:25 Start	DOY=244		SMM Pointing:	S16E37		Pitch=+140", Yaw	, Yaw=+639", Rol	, Roll=-20deg	H.Ang=43deg
GOES HXRBS BCS	GOES 21:21 HXRBS 21:22:14 BCS 21:21	21:25 21:23:03 21:24	21:36 21:24:19 21:53	Importance=M1 Peakc/s=76 CaPeak.c/s=277	Qual=04 Qual=01 Qual= 1	Tot Cts=2121 FePeak=21:24	MaxkeV=102 FePeak.c/s=52	#Peak	dt= 3,8s	XFN=924409
UVSP	21:14			Wavelength=2788A	Code=00	Exp #=95381	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+23"	1.024s/pixel, Yaw=+563"
Event 4 89/09/0	Event # = 23202 89/09/01,23:59 Start	D0Y=244 Peak	End times							
Optical GOES 2	ا 23:50	23:59		HaClass=2N	\$19E42	AR5669	Mac. = EKC	Carr.Lon.=84deg	=84deg	H.Ang=49deg
BCS	00:24	00:27	01:20		(ual= 5	FePeak=00:27	FePeak.c/s=31		dt= 3.8s	XEN=924500
UVSP	00:59			Wavelength=1375A		Exp #=95385	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s Pitch=+161'	1.024s/pixel ",Yaw=+625"
					89/09/02	2 DOY=245				
Event # 89/09/C Optical	= 23203 2,02:34 Start	D0Y=245 Peak	End times	HaClass=SF	\$19E47		Mac.=EKC	Carr.Lon.=77deg	=77deg	H.Ang*53deg
SCS S	1:59	02:34	02:52	CaPeak.c/s=86 (	Qual=01 Qual= 1	FePeak=02:31	FePeak.c/s=12		.7s	XEN=924501
UVSP	02:31			Wavelength=1375A		Exp #=95400	Rast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s 1 Pitch=+169",	1.024s/pixel ', Yaw=+679"
Event #89/09/0	= 23204 2,03:33 Start	D0Y=245 Peak	End times	HA Classific	CODEAK	ABEEEO	, , , , , , , , , , , , , , , , , , ,			
GÓES BCS	3:31	03:33	04:24	Peak.c/s=37	0ual=00	Febrak=03.32	Hace-Enc Febesh c/s=7		•=/odeg	H.Ang=53deg
FCS UVSP ( Radio S	02:45 Sweeps	Type/In	: :	75A		Exp #=95402	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+130",	1.024s/pixel 1.7aw=+608"

Event # = 23205 89/09/02,05:27 [ Start ] Optica]	00Y=245 Peak	End times	HaClass=SF	\$27W02	AR5670	Mac.=DAO	Carr.Lon.=125deg		H.Ang=34deg
GDES BCS 05:07 FCS UVSP 05:19	05:27	05:56	CaPeak.c/s=46 Wavelength=1375A	Qual=01 Qual= 1	FePeak=05:27 Exp #=95409	FePeak.c/s=7 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=+153",	XEN=924503 1.024s/pixel ', Yaw=+636"
Event # = 23206 89/09/02,06:51 60ES 8CS 06:43 FCS UVSP 06:41	DOY=245 Peak 06:51	End times 07:36	CaPeak.c/s=45 Wavelength=1375A	Qual=06 Qual= 1	FePeak=06:51 Exp #=95416	FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+152",	XEN=924504 1.024s/pixel ", Yaw=+631"
Event # = 11926 89/09/02,19:47 Start Optical GOES 19:30 HXRBS 19:30:38 Radio Frequenc	DOY=245 Peak 19:47 19:30:55 ICy (MHz) / F	End times 20:12 5 19:33:17 Flux(sfu):	SMM Pointing: HaClass=SF Importance=C7 Peakc/s=178 15400/120	\$18E29 \$17E31 Qual=02 Qual=01	AR5699 Tot Cts=4028	Pitch=+217",Yaw: Mac.=EKC MaxkeV=231	,Yaw=+546",Roll=-20d Carr.Lon.=84deg	,Roll=-20deg Lon.=84deg	H.Ang=38deg H.Ang=39deg
Event # = 11928 89/09/02,21:11 0ptical GOES 20:30 HXRBS 21:09:11 	DOY=245 Peak Enc 21:11 21 21:09:28 21	End times 21:40 8 21:11:18 8 20:56:56	SMM Pointing: HaClass=SF Importance=M2 Peakc/s=1550	\$18E28 \$17E25 Qual=03 Qual=02 Associated Qual=01	AR5669 Tot Cts=21404 Event # = 11927 Tot Cts=346	Pitch=+221", Yaw Mac.=EKC MaxkeV=321 MaxkeV=102	,Yaw=+536",Rol: Carr.Lon: Flags=SG	, Roll=-20deg Lon.=89deg =5G	H.Ang=35deg H.Ang=35deg
Event # = 11929 89/09/02,22:36 Start P Optical GOES 22:26 HXRBS 22:26:32 BCS 23:28 FCS 23:31	DOY=245 Peak 22:36 22:33:51 23:30	End times 23:39 22:45:35 00:16	SMM Pointing: HaClass=1B Importance=M5 Peakc/s=587 CaPeak.c/s=388 Wavelength=2788A	\$18E27 \$18E32 Qual=03 Qual=03 Qual= 5	AR5669 Tot Cts=1.44E+5 FePeak=23:28 Exp #=95471	Pitch=+226" Mac.=EKC MaxkeV=188 FePeak.c/s= Fast=420"x2 Rast=250"x2	,Yaw=+526",Roll=-20deg Carr.Lon.=81deg Flags=M5,ES 10 #Peaks=1 dt= 3.8 40" Step=15" Cad= 45 50" Step=3" Pitch=+	=+526",Roll=-20deg	H.Ang=37deg H.Ang=40deg XEN=924505 1.024s/pixel "", Yaw=+530"
Event # = 11930 89/09/03,00:20 Start GOES HXRBS 00:18:33 BCS 00:16 FCS UVSP 23:37	DOY=24 Peak 00:18:	6 End times 52 00:19:42 00:20	SMM Pointing: Peakc/s=274 CaPeak.c/s=72 Wavelength=2788A	89/09/03 \$18E27 Qual=02 Qual=01 Qual= 3	3 D0Y=246 Tot Cts=2859 FePeak=00:20 Exp #=95472	Pitch=+230", Yaw=+516", Roll=-20deg MaxkeV=188 FePeak.c/s=14 #Peaks=1 dt= 7.7 Rast=0"x0" Step=0" Cad=384 Rast=46"x46" Step=3" Pitch=+	#=+516", Rol #Peaks=1 Step=0" Step=3"	20deg H   dt= 7.7s X   Cad=3840s   Pitch=+322",	H.Ang=36deg XEN=924600 3840s/pixel 2", Yaw=+427"

89/09/03,01:38 Start	D0Y=246 Peak	End times							
GOES BCS 00:58 FCS	01:38	01:53	CaPeak.c/s=47	Qua]=00 Qua]= 1	FePeak=01:36	FePeak.c/s=9	#Peaks=2	dt= 3.8s	XEN=924601
01:06			Wavelength=1375	⋖	Exp #=95474	Rast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+229",	1.024s/pixel ", Yaw=+531"
Event # = 23209 89/09/03,02:18 Start	) D0Y=246 Peak	End times							
Optical GOES 02:05	02:18	02:35	HaClass=1F Importance=C7	\$17E29 Qual=05	AR5669	Mac.=FKC	Carr.Lon.=82deg	=82deg	H.Ang=38deg
02:32	02:32	03:15	CaPeak.c/s=94	Qual= 5	FePeak=02:32	FePeak.c/s=11		dt= 3.8s	XEN≖924602
02:35			Wavelength=1375A		Exp #=95475	Kast=180"×180" Rast=265"×265"	Step=10" Step=5"	Cad= 332s Pitch=+247"	1.024s/pixel ", Yaw=+508"
Event # = 11932 89/09/03,04:36 Start	D0Y=246 Peak	End times	SMM Pointing:	S18E24		Pitch=+415", Ya	, Yaw=+351", Rol	, Roll=3deg	H.Ang=35deg
cal			HaClass=SF	\$17E23	AR5669	Mac.=FKC	Carr.Lon.=87deg	=87deg	H.Ang=33deg
HXRBS 04:36:03 UVSP 04:33	04:36:24	. 04:36:51	Peakc/s=41 ₩avelength=1375A		Tot Cts=194 Exp #=95490	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+428"	', Yaw=+377"
Event # = 11931 89/09/03,04:40 Start	00Y=246 Peak	Fnd times	SMM Pointing:	S18E24		Pitch=+415", Yaw=+351"	w=+351", Rol	, Roll=3deg	H.Ang=35deg
cal			HaClass=SF	\$17E23	AR5669	Mac.=FKC	Carr.Lon.=87deg	=87deg	H.Ang=33deg
HXRBS 04:30:07 BCS 04:31 FCS	04:30:18 04:40	04:31:37 04:58	Peakc/s=49 CaPeak.c/s=58	Qual=01 Qual=01 Qual= 1	Tot Cts=260 FePeak=04:40	MaxkeV=102 FePeak.c/s=12		dt= 3.8s	XEN=924603
04:33	İ		Wavelength=1375A		Exp #=95490	Rast=0"x0" Rast=30"x30"	Step=0" Step=5"	Cad=1.02s 1 Pitch=+428",	1.024s/pixel , Yaw=+377"
Event # = 23210 89/09/03,07:17 Start	D0Y=246 Peak	End times							
07:15	07:17	07:28	CaPeak.c/s=36	Qua]=04 Qua]= 4	FePeak=07:17	FePeak.c/s=8		dt= 7.7s	XEN=924604
07:13			Wavelength=1375A		Exp #=95504	Rast=0"x0" Rast=30"x30"		Cad=1.02s 1 Pitch=+248",	1.024s/pixel ', Yaw=+487"
Event # = 11933 89/09/03,07:36 Start	DOY=246 Peak	End times	SMM Pointing:	S18E23		Pitch=+254", Yaw	, Yaw=+462", Roll	, Roll=-20deg	H.Ang=34deg
02:20	07:36	07:38	HaClass=SF Importance=C4	S16E22 Oual=01	AR5669	Mac.=FKC	Carr.Lon.=86deg	86deg	H.Ang≈32deg
HXRBS 07:31:27 BCS 07:31 FCS	07:31:54 07:34	07:32:28 07:51	Peakc/s=186 CaPeak.c/s=71	Qual=01 Qual= 1	Tot Cts=2878 FePeak=07:34	MaxkeV=188 FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=924605
07:26		-	Waveleno+h-1275A	00 17	1	Rast=420"x240"	Step=15"	Cad= 459s 1	1.024s/pixe]

	ı	I	ı	I	1
XEN-924606 1.024s/pixel ", Yaw=+458"	dt= 7.7s XEN=924607 Cad=1.02s 1.024s/pixel Pitch=+283",Yaw=+474"	XEN=924608 1.024s/pixel ",Yaw=+482"	H.Ang=30deg XEN=924609 1.024s/pixel ",Yaw=+291"	H.Ang=31deg H.Ang=48deg ',Yaw=+291"	=-20deg H.Ang=31deg 86deg H.Ang=32deg Pitch=+160", Yaw=+284"
dt= 3.8s XE Cad=1.02s 1. Pitch=+234",	dt= 7.7s Cad=1.02s Pitch=+283"	dt= 7.7s Xi Cad=1.02s 1 Pitch=+284",	=89deg dt= 3.8s Cad= 459s Pitch=+156	]=-20deg  -57deg    Pitch=+156	,Roll=-20deg Lon.=86deg O" Pitch=+160
#Peaks=2 Step=0" Step=5"	#Peaks=1 Step=0" Step=5"	#Peaks=1 Step=0" Step=5"	Carr.Lon.=89deg #Peaks=2 dt= 3 Step=15" Cad= Step=0" Pitch	'Yaw=+404",Roll=-20deg Carr.Lon.=57deg " Step=0" Pitch=+	,Yaw=+404",Roll=-20d Carr.Lon.=86deg " Step=0" Pitch
FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	FePeak.c/s=5 Rast=0"x0" Rast=30"x30"	Mac.=FKC FePeak.c/s=190 Rast=420"x240" Rast=10"x10"	Pitch=+278", Ya Mac.=CA0 MaxkeV=102 Rast=10"x10"	Pitch=+278", Ye Mac.=FKC MaxkeV=102 Rast=10"x10"
FePeak=09:16 Exp #=95517	FePeak=13:37 Exp #=95542	FePeak=14:06 Exp #=95546	AR5669 FePeak=14:49 Exp #=95547	AR5672 Tot Cts=77 Exp #=95547	AR5669 Tot Cts=2334 Exp #=95548
Qua]=00 Qua]= 1	Qual=00 Qual= 1	Qua]=00 Qua]= 4	\$18E16 Qual=05 Qual= 5 Code=02	S18E18 N23E47 Qual=00 Qual=01	\$18E18 \$20E18 Qual=00 Qual=01
CaPeak.c/s=42 Wavelength=1375A	CaPeak.c/s=33 Wavelength=1375A	CaPeak.c/s=18 Wavelength=1375A	HaClass=1B Importance=X1 CaPeak.c/s=1369 Wavelength=2788A	SMM Pointing: HaClass=SF Peakc/s=44 Wavelength=2788A	SMM Pointing: HaClass=SF Peakc/s=46 Wavelength=2788A
End times 09:21 (	End times 13:58	End times 14:08	End times 16:02 15:42	DOY=246 Peak End times 15:00:31 15:00:38	End times 15:16:18
DOY=246 Peak 09:16	DOY=246 Peak 13:39	DOY=246 Peak 14:03	DOY=246 Peak 14:32 14:49	DOY=246 Peak 2 15:00:31	= 11935 3,15:10 D0Y=246 Start Peak End time: 15:08:27 15:10:49 15:16:18 15:35
# = 23211 /03,09:16 Start 09:01 09:09	Event # = 23212 89/09/03,13:39 Start 60ES 13:28 BCS 13:28 FCS 13:33	Event # = 23213 89/09/03,14:03 Start GOES 14:03 FCS 14:03 UVSP 13:56	Event # = 23214 89/09/03,14:32 Start Optical GOES 14:27 BCS 14:48 FCS 14:39	Event # = 11934 89/09/03,15:00 Start Optical GOES HXRBS 15:00:22 3 UVSP 14:39	Event # = 11935 89/09/03,15:10 Start Optical GOES HXRBS 15:08:27 UVSP 15:35
Event 89/09/ 60ES BCS FCS UVSP	Event 89/09, 60ES BCS FCS UVSP	Event 89/09 60ES BCS FCS UVSP	Event #89/09/0 89/09/0 Optical GOES BCS FCS UVSP	Event # 89/09/07 0ptical GOES HXRBS UVSP	Event # 89/09/00 0ptical GOES HXRBS UVSP

Start						10 10 10 10 10 10 10 10 10 10 10 10 10 1	TO NOV.		
12+40	Peak	End times		310554		PltCn=+∠43",Ya	, Yaw=+484", Ro	, Roll≈-20deg	H.Ang≈35deg
SOES			HaClass=SF	\$17E18 0ual=00	AR5669	Mac.=FKC	Carr.Lon.=85deg	85deg	H.Ang=30deg
HXRBS 17:06:21 BCS 16:20 FCS	21 17:06:29 17:10	9 17:06:52 17:14	Peakc/s=52 CaPeak.c/s=119	Qual=01 Qual= 3	Tot Cts=283 FePeak=17:08	MaxkeV=102 FePeak.c/s=25			XEN=924610
JVSP 17:06			₩avelength=2788A		Exp #=95550	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s 1 Pitch=+125",	1.024s/pixel 5", Yaw=+366"
Event # = 11938 89/09/03,17:55 Start	18 00Y=246		SMM Pointing:	S18E23		Pitch=+249", Ya	, Yaw=+475", Ro	, Roll=-20deg	H. Ana=34dea
optical Series	5	3	HaClass=SF	N27E46	AR5672	Mac.=CAO	Carr.Lon.=57deg	.=57deg	H.Ang=48deg
HXRBS 17:54:05 BCS 17:55	15 17:54:17 17:55	, 17:54:23 17:59	Peakc/s=74 CaPeak.c/s=32	Qual=00 Qual=01 Qual= 4	Tot Cts=472 FePeak=17:55	MaxkeV=188 FePeak.c/s=8	#Ppake=1		YEN-024611
VSP 17:43			Wavelength=2788A		Exp #=95551	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+127"	1.024s/pixel ", Yaw=+361"
Event # = 11936 89/09/03,18:46 Start	6 D0Y=246 Peak	Fnd times	SMM Pointing:	S18E23		Pitch=+249", Yaw	, Yaw=+475", Ro]	, Roll=-20deg	H.Ang=34deg
ptical OES 18:39	18:46	18.53	HaClass=SF	\$18E26	AR5669	Mac.=FKC	Carr. Lon. =76deg	.=76deg	H.Ang=36deg
HXRBS 18:38:39 BCS 18:41	9 18:42:15 18:45	18:45:09 18:46	Peakc/s=66 CaPeak.c/s=190	Qual=04 Qual=03 Qual= 2	Tot Cts=3869 FePeak=18:44	MaxkeV=102 FePeak.c/s=37			XFN=024612
VSP 18:39 adio Freque	18:39 Frequency(MHz)/Flux(sfu)	• •		4 Code=00 8800/38	Exp #=95552	Rast=420"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 459s 1 Pitch=+130",	1.024s/pixel ", Yaw=+355"
Event # = 23215 89/09/03,19:52 Start	5 00Y=246 Peak	End times							
40ES BCS 19:50 FCs	19:52	20:01	CaPeak.c/s=26	Qual=00 Qual= 4	FePeak=19:52	FePeak.c/s=13	#Peaks=1	dt= 7.75	XFN=924613
/SP 20:11			Wavelength=2788A		Exp #=95554	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+135",	1.024s/pixel ", Yaw=+343"
Event # = 23216 89/09/03,20:05 Start	5 D0Y=246 Peak	End times							
Optical GOES			HaClass=SF	\$15E16	AR5669	Mac.=FKC	Carr.Lon.	=86deg	H.Ang=27deg
20:05 3	20:05	20:07	CaPeak.c/s=21	Qual≈ 4	FePeak=20:05	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=924614
SP 20:11		_	Wavelength=2788A		Exp #=95554	Rast=0"x0" Rast=10"x10"	Step=0" Step=0"	Cad=1.02s Pitch=+135"	1.024s/pixel ", Yaw=+343"
Event # = 23217 89/09/03,23:15 Start Optical	D0Y=246 Peak	End times	HaClass=SF	S16E14	AR5669	M BBC. = FKC	uo   uae	a de de de de de de de de de de de de de	
60ES BCS 23:10	23:15	23:19 (	CaPeak.c/s=32	Qual=00 Qual= 1 1	FePeak=23:14	FePeak, C/s=8		76	n.mig=2/ueg YFN=02/616
SP 22:39			Wavelength=2788A		Exp #=95558	Rast=115"x115" Rast=46"x46"	Step=5"	Cad=1083s	2.048s/pixel

11			ţ	:	
H.Ang=36deg XEN=924700 1.024s/pixe1 ", Yaw=+367"	XEN=924701 3840s/pixel ', Yaw=+349"	H.Ang=27deg ', Yaw=+332"	XEN=924702 1.024s/pixel ", Yaw=+336"	H.Ang=27deg H.Ang=35deg XEN=924703 1.024s/pixe1 ", Yaw=+315" XEN=924704 1.024s/pixe1	H.Ang=26deg H.Ang=32deg ", Yaw=+360"
.=73deg H dt= 3.8s X Cad= 459s 1 Pitch=+273",	dt= 7.7s X Cad=3840s Pitch=+240",	,Roll=-20deg   5"   Pitch=+305"	dt= 7.7s X Cad=1.02s 1 Pitch=+306",	, Roll=-20deg H Lon.=74deg H = SA dt= 3.8s X 115" Cad= 459s 1 15" Pitch=+290", 5" Pitch=+290", 15" Cad= 332s 1	,Roll=-20deg   Lon.=77deg   5" Pitch=+321"
Carr.Lon. #Peaks=1 Step=15" Step=5"	#Peaks=1 Step=0" Step=5"	,Yaw=+342",Rol " Step=5"	#Peaks=1 Step=0" Step=5"	=+330" Carr. Flags Step= Step= **Peak	,Yaw=+318",Roll=-20d Carr.Lon.=77deg " Step=5" Pitch
Mac.=FKC FePeak.c/s=6 Rast=420"x240" Rast=265"x265"	FePeak.c/s=42 Rast=0"x0" Rast=70"x70"	Pitch=+271", Yaw MaxkeV=188 Rast=30"x30"	FePeak.c/s=6 Rast=0"x0" Rast=30"x30"	Pitch=+274", Yaw Mac.=FKC MaxkeV=231 FePeak.c/s=119 Rast=420"x240" Rast=30"x30" 15400/150 FePeak.c/s=5 Rast=180"x180"	Pitch=+279", Ya Mac.=FKC MaxkeV=102 Rast=30"x30"
AR5669 FePeak=00:00 Exp #=95559 DOY=247	FePeak=00:32 Exp #=95560	0 1 Tot Cts=1509 Exp #=95563 8800/63 15400/63	FePeak=01:51 Exp #=95565	Ointing: S16E14  Class=SF S18E24 AR5669  tance=M1 Qual=01  i.c/s=199 Qual=02 Tot Cts=11394  ik.c/s=597 Qual= 1 FePeak=03:08  ength=1375A Code=00 Exp #=95572  ength=1375A Code=00 Exp #=95572  ength=1375A Code=00 Exp #=95572  ength=1375A Code=00 Exp #=95572  ength=1375A Code=00 Exp #=95572  ength=1375A Qual= 5 FePeak=03:18	AR5669 Tot Cts=486 Exp #=95585
\$17E27 Qual=05 Qual= 5 89/09/04	Qual=03 Qual= 1	\$16E14 Qual=00 Qual=01 4995/32 88	Qua = 00 Qua = 4	\$16E14 \$18E24 Qual=01 Qual= 02 Qual= 1 Code=00 2695/23 49 Associated Qual= 5	S16E13 S18E20 Qual=01 Qual=01 A Code=00
HaClass=1B Importance=M2 CaPeak.c/s=54 Wavelength=1375A	CaPeak.c/s=201 Wavelength=1375A	SMM Pointing: S16E14 Qual=0 Peakc/s=61 Qual=0 Wavelength=1375A 410/180 1415/55 4995/32	CaPeak.c/s=19 Wavelength=1375A	SMM Pointing:  HaClass=SF Importance=M1 Peakc/s=199 CaPeak.c/s=597 Wavelength=1375/606/160 1415/25	SMM Pointing: HaClass=SF Importance=C6 Peakc/s=44 Wavelength=1375A
End times 23:52 00:13	End times 00:54	sa c ::	End times 01:56	8 6	End times 05:12 5 05:00:50
D0Y=246 Peak 23:43 00:00	DOY=247 Peak 00:34	= 11939 .01:48	DOY=247 Peak 01:52	= 11940 Start Peak End time 03:02 03:02 03:04 03:04 03:10 Frequency (MHz)/Flux(sfu) 03:18 03:18	DOY=247 Peak 05:07 2 05:00:26
Event # = 23218 89/09/03,23:43 0ptical 60ES 23:35 BCS 00:00 FCS 00:03	Event # = 23219 89/09/04,00:34 Start GOES BCS 00:20 FCS 00:07	#0 40 00	Event # = 23220 89/09/04,01:52 Start GOES BCS 01:51 FCS 01:51	Event # = 11940 89/09/04,03:11 Start Optical GOES 03:02 HXRBS 03:04 FCS 03:04 FCS 03:10 NVSP 03:10 Radio Frequenc	Event # = 11941 89/09/04,05:07 Start Optical GOES 04:58 HXRBS 04:59:42 UVSP 05:05
Event 89/09/1	Event 89/09/ 60ES BCS FCS UVSP	Event 89/09/ GOES HXRBS UVSP RAdio	Event 89/09/ GOES BCS FCS UVSP	Event # 89/09/04 0ptical 60ES 60ES FCS UVSP NASP Exadio	Event #89/09/0

", Roll=-20deg H.Ang=26deg	Carr.Lon.=76deg H.Ang=32deg	dt= 7.7s	=10" Cad= 332s 1.024s/pixel =5" Pitch=+321", Yaw=+358"		.Lon.=75deg H.Ang=35deg	dt= 7.7s	Cad= 332s	,Roll=-20deg H.Ang=24deq	I	dt= 7.7s	10" Cad= 332s 1.024s/pixel 0" Pitch=+193", Yaw=+417"		dt= 7.7s	0" Cad=1.02s 1.024s/pixel 0" Pitch=+198", Yaw=+185"	Roll=-20deg	0" Pitch=+200",Yaw=+397"	, Roll=-20deg H.Ang=24deg	=83deg H	EN =1 dt= 3.8s XEN=924709	Cad= 459s
Pitch=+279", Yaw=+318	Mac.=FKC Carr	MaxkeV=188 FePeak.c/s=74 #Peal	Rast=180"x180" Step=10" Rast=30"x30" Step=5"		Mac.=FKC Carr.Lon	FePeak.c/s=18 #Peaks=1		Pitch=+314", Yaw=+231"	Mac.=FKC Carr.		Rast=180"x180" Step=10" Rast=180"x1" Step=0"			Rast=0"x0" Step=0" Rast=180"x1" Step=0"	Pitch=+319", Yaw=+219",	MaxkeV=144 Rast=180"x1" Step=0"	Pitch=+324", Yaw=+206"	Mac.=FKC Carr.Lon.	MaxkeV=231 Flags=EN FePeak.c/s=98 #Peaks=1	
	AR5669	Tot Cts=2594 FePeak=05:24	Exp #=95587		AR5669	FePeak=12:38			AR5669	Tot Cts=19197 FePeak=15:26	Exp #=95641 15400/67		FePeak=17:00	Exp #=95643		Tot Cts=165 Exp #=95644		AR5669	Tot Cts=8089 FePeak=19:10	Evn #-05647
\$16E13	\$18E20	Qual=01 Qual=1	Code=00		\$23E18 0ual=05	Qual= 5		\$16E07	S14W00	Qual=04 Qual=01 Qual= 1	Code=00 8800/120		Qual=00 Qual= 1		S16E06	Qual=00 Qual=01	S16E05	\$18E06	Qual= 3	00-000
SMM Pointing:	H.	Peakc/s=77 CaPeak.c/s=337	Wavelength=1375A	* *************************************	HaClass=1N Importance=M1	CaPeak.c/s=255	245/74	SMM Pointing:	HaClass=1N	Peakc/s=252 CaPeak.c/s=402	Wavelength=2788A 2695/79 4995/180		CaPeak.c/s=38	Wavelength=2788A	SMM Pointing:	Peakc/s=53 Wavelength=2788A	SMM Pointing:	Class=SN	Peakc/s=254 CaPeak.c/s=327	Wave length=27886
1 + 1 P P P P P P P P P P P P P P P P P		05:24:03			LC)	3:5	lux(sfu):	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S E	15:28:09 16:14	lux(sfu):	End times	35		Fnd +imos	22:22	1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +		19:10:43 19:13	
00Y=247	05:25	05:24		DOY=247	12:20	12:37	Frequency(MHz)/Fl	D0Y=247	15:28	15:25:41 15:27	:13 requency(MHz)/Flux(sfu)	D0Y=247 Peak	17:01		DOY=247		DOY=247	19:11	19:08:07 19:10	8:48
Event # = 11942 89/09/04,05:25 Start	al 05:20	05:21:30 05:03	05:17	t # = 23222 3/04,12:20 5+3rt	al 12:01			t # = 11943 9/04,15:28 Start	ມານ ປີ 15:22	15:21:31 15:20	15:13 Frequenc	# = 23223 /04,17:01 Start	16:59	16:45	t # = 11944 9/04,17:22 Start	17:22:07 17:39	= 11945 1,19:11 Start	19:06	19:07:22 19:10	
Event 89/09/	Optica GOES	HXRBS BCS FCS	UVSP	Event 89/09/	Optica GOES	SSS SSS	Radio	Event 89/09/	Optica GOES	HXRBS BCS BCS	UVSP Radio	25	BCS BCS	UVSP	Event # 89/09/(	GOES HXRBS UVSP	Event # 89/09/0	Optical GOES	HXRBS BCS I	UVSP

89/09/04,20:42 Start GOES 20:40 ECS 20:40 FCS 20:37	D0Y=247 Peak 20:42	End times 20:43	CaPeak.c/s=19 Wavelength=1375A	Qua]=00 Qua]= 2	FePeak=20:40 Exp #=95656	FePeak.c/s=7 Rast=0"x0" Rast=30"x30"	#Peaks=1 Step=0" Step=5"	dt= 7.7s Cad=1.02s Pitch=+394"	dt= 7.7s XEN=924710 Cad=1.02s 1.024s/pixel Pitch=+394", Yaw=+104"
Event # = 23225 89/09/04,22:04 Start Optical GOES ECS 21:57 FCS 21:58	D0Y=247 Peak 22:04	End times 22:07	HaClass=SF CaPeak.c/s=27 Wavelength=1375A	S18E10 Qual=00 Qual= 7	AR5669 FePeak=21:57 Exp #=95663	Mac.=FKC FePeak.c/s=9 Rast=0"x0" Rast=30"x30"	Carr.Lon.=77deg #Peaks=1 dt= 7 Step=0" Cad=1 Step=5" Pitch	.7s .02s =+411	H.Ang=27deg XEN=924711 1.024s/pixe1 ",Yaw=+128"
Event # = 23226 89/09/04,23:08 Start Optical GOES BCS 23:00 FCS UVSP 23:07	DOY=247 Peak 23:08	End times 23:30	HaClass=SF CaPeak.c/s=52 Wavelength=1375A	\$20E14 Qual=00 Qual= 4	FePe	Mac.=FKC FePeak.c/s=8 Rast=420"x240" Rast=30"x30"	Carr.Lon.=73deg #Peaks=1 dt= 3 Step=15" Cad= Step=5" Pitch	.8s 459s =+401	H.Ang=31deg XEN=924712 1.024s/pixel ',Yaw=+123"
Event # = 11954 89/09/05,05:14 ( Start GOES HXRBS 05:13:48 ( UVSP 05:12	00Y=248 Peak 3 05:14:01	DOY=248 Peak End times 05:14:01 05:14:12	SMM Pointing: Peakc/s=69 Wavelength=1375A	89/09/03 S16W01 Qual=00 Qual=01	Tot Cts=351 Exp #=95702	Pitch=+374",Yaw=-30",Roll=3deg MaxkeV=102 Rast=265"x265" Step=5" Pitc	=-30",Roll Step=5"	=3deg Pitch=+381"	H.Ang=23deg ', Yaw=-18"
Event # = 23227 89/09/05,05:15 80ES BCS FCS UVSP 05:12	D0Y=248 Peak 05:15	End times 05:18	CaPeak.c/s=27 Wavelength=1375A	Qual=00 Qual= 4	FePeak=05:15 Exp #=95702	FePeak.c/s=8 Rast=0"x0" Rast=265"x265"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+381",	XEN=924800 1.024s/pixel ",Yaw=-18"
Event # = 11955 89/09/05,05:50 Start Optical GOES 05:46 HXRBS 05:45:32 BCS 05:50 FCS 05:50	5 DOY=248 Peak 05:50 05:50 05:50	End times 06:00 05:48:51 06:03	SMM Pointing: HaClass=SF Importance=C4 Peakc/s=49 CaPeak.c/s=80	\$16W01 \$15W11 Qual=01 Qual=1 Qual= 1 Code=02	AR5669 Tot Cts=1238 FePeak=05:50 Exp #=95710	Pitch=+374", Yaw=-30", Roll=3deg Mac.=FKC	f=-30", Roll=3deg Carr.Lon.=94deg #Peaks=1 dt= 3 Step=10" Cad= Step=5" Pitch	=3deg H =94deg H dt= 3.8s X Cad= 332s I Pitch=+398",	H.Ang=23deg H.Ang=25deg XEN=924801 1.024s/pixe1 ", Yaw=-96"

	<b>)</b>	50		50				,		_		<u>-</u>			
H.Ang=23deg	", Yaw=-96"	H.Ang=23deg	", Yaw=+185"	H.Ang=23deg	', Yaw=+87"	H.Ang=23deg	XEN=924802	1.024s/pixel ',Yaw=+86"	H.Ang=24deg	H.Ang=27deg	XEN=924803	1.024s/pixel ',Yaw=+216"	H.Ang=24deg	H.Ang=26deg	; Yaw=+196"
=3deg	Pitch=+398"	=-20deg	Pitch=+344"	=-20deg	Pitch=+394"	=-20deg	dt= 3.8s	Cad= 459s 1 Pitch=+394",	20deg	*88deg	dt= 7.7s	Cad=1.02s Pitch=+267"	, Roll=-20deg	:83deg	Pitch=+274";Yaw=+196"
, Yaw=-30", Roll=3deg	Step=5"	,Yaw=+73",Roll=-20deg	Step=5"	W=+58", Roll	Step=0"	w=+58", Roll:	#Peaks=1	Step=15" Step=0"	, Yaw=+41", Roll=-20deg	Carr.Lon.*88deg		Step=0" Step=0"	v=+27", Roll=	Carr.Lon.=83deg	Step=0"
Pitch=+374", Ya	MaxkeV=102 Rast=30"x30"	Pitch=+368", Ya	MaxkeV=102 Rast=30"x30"	Pitch=+372", Yaw=+58", Roll=-20deg	MaxkeV=102 Rast=10"x10"	Pitch=+372", Yaw=+58", Roll=-20deg	MaxkeV=102 FePeak.c/s=12	Rast=420"x240" Rast=10"x10"	Pitch=+384", Ya	Mac.=FKC	MaxkeV=231 FePeak.c/s=134	Rast=0"x0" Rast=180"x1" 15400/290	Pitch=+388", Yaw=+27",	Mac.=FKC	MaxkeV=102 Rast=180"x1"
	Tot Cts=74 Exp #=95710		Tot Cts=137 Exp #=95731		Tot Cts=350 Exp #=95740		Tot Cts=1376 FePeak=11:47	Exp #=95742		AR5669	Tot Cts=27579 FePeak=16:13			AR5669	Tot Cts=980 Exp #=95767
S16W01	Qual=06 Qual=01	S16W04	Qual=00 Qual=01	S16W05	Qual=00 Qual=01	S16W05	Qual=01 Qual=01 Qual= 1	Code=00	S16W06	S18W11	Qual=01 Qual= 6	Code=01 6/74 4995	S16W07	S18W07	Qual=01 Qual=01 4995/38
SMM Pointing:	Peakc/s≖36 Wavelength=1375A	SMM Pointing:	Peakc/s=39 Wavelength=1375A	SMM Pointing:	Peakc/s=59 Wavelength=1375A	SMM Pointing:	Importance=C4 Peakc/s=53 CaPeak.c/s=39	Wavelength=1375A	SMM Pointing:	HaClass=1N Importance=C9	Peakc/s=576 CaPeak.c/s=629	Wavelength=2788A Code=01 Exp #=95764 245/60 410/970 606/74 4995/79 8800/270	SMM Pointing:	HaClass=SF	Peakc/s=53 Wavelength=2788A 1415/30 2695/60 4
+ + + + + + + + + + + + + + + + + + +	): 90	1 4 7 4 J		End times	11:29:33		11:52 11:47:30 11:51		Fnd times	16:21	16:13:18 16:15		ا ا	3	
D0Y=248	reak 06:01:36	D0Y=248	10:02:42	D0Y=248 Peak	11:29:06	30Y=248	11:48 11:45:22 11:47		D0Y=248 Peak	16:12	16:02:33 16:13	15:46 Frequency(MHz)/Flux(sfu):	DOY=248	18:00	17:31:18 17:32:09 17:32:59 18:13 Frequency(MHz)/Flux(sfu):
Event # = 11956 89/09/05,06:01	3441 t 06:01:31 05:50	Event # = 11949 89/09/05,10:02	10:02:24 09:53	Event # = 11950 89/09/05,11:29   Start	11:28:56 11:24	# = 11951 05,11:48 Start	GOES 11:44 HXRBS 11:44:49 BCS 11:47	11:37	Event # = 11957 89/09/05,16:12 Start		16:00:43 16:09	15:46 Frequenc	Event # = 11958 89/09/05,18:00 Start	17:32	17:31:18 18:13 Frequenc
Event 89/09/	GOES HXRBS UVSP	Event 89/09/	GOES HXRBS UVSP	Event 89/09/	GOES HXRBS UVSP	Event 89/09/	GOES HXRBS BCS BCS	UVSP	Event 89/09/	Optica GOES	HXRBS BCS FCS	UVSP Radio	Event 89/09/	Optica GOES	HXRBS UVSP Radio

Event # = 11959 89/09/05.19:24	59 4 D0Y=248		SMM Pointing:	S16W08		Pitch=+396", Yaw	, Yaw=+4", Roll=-20deg	-20deg	H.Ang=25deg
Start Optical	Peak	nd times	HaClass=SF	\$17W03	AR5669	Mac.=FKC	Carr.Lon.	=78deg	H.Ang=24deg
GOES 19:21 HXRBS 19:20:2 BCS 19:23	19:24 23 19:21:03 19:25	19:29 19:21:48 19:37	8 <del>2</del> 2	Qual=01 Qual=01 Qual= 1	Tot Cts=2227 FePeak=19:25	MaxkeV=102 FePeak.c/s=27	#Peaks=1 C+en=10"	dt= 3.8s Cad= 332c	XEN=924804 1.024s/pixel
FCS UVSP 19:18 Radio Sweeps	Type/Int	Intensity:	Wavelength=2788A III/1	Code=00	Exp #=95770	Rast=39"x39"			", Yaw=+51"
Event # = 11960 89/09/05,22:23	60 3 DOY=248		SMM Pointing:	S16W10		Pitch=+405", Yaw	, Yaw=-20", Roll	,Roll≖-20deg	H.Ang=25deg
Star		End times	HaClass=1B	S17E03	AR5669	Mac.=FKC	Carr.Lon.=71deg	=71deg	H.Ang=24deg
GOES 22:21 HXRBS 22:19:25	22:23 22:22:	31 22:27:17	Importance=M6 Peakc/s=9617	Qual=01 Qual=01	Tot Cts=2.07E+5	MaxkeV=577	Flags≖M5		niin=60sec
GRS 22:22: BCS 22:00	00 22:23	22:23:00 22:32	CaPeak.c/s=2552	Qual= 1	FePeak=22:23	FePeak.c/s=979	#Peaks=2	dt= 7.7s X Cad= 459s 1	XEN=924805 1.024s/pixel
FCS UVSP 22:08 Radio Sweeps Radio Frequ	22:08 Type/Intensity Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	Intensity: Flux(sfu):	Wavelength=1375A III/1 410/950 606/340	code=00 2695/370	Exp #=95781 Rast=70"x7 4995/230 8800/270 15400/600	Rast=70"x70" 10 15400/600		Pitch=+425	", Yaw=-26"
Event # = 23229 89/09/05,22:32 Start	29 2 D0Y=248 Peak	End times							
GOES 22:32 BCS 22:32	22:	22:50	CaPeak.c/s=122	Qual=00 Qual= 5	FePeak=22:32	FePeak.c/s=11	#Peaks=1	dt= 7.7s X	XEN=924806
FCS UVSP 22:08			Wavelength=1375A		Exp #=95781	Rast=70"x70"			", Yaw=-26"
Event # = 12600 89/09/05,22:41			SMM Pointing:	S16W10		Pitch=+405",Ya	, Yaw=-20", Rol	,Roll=-20deg	H.Ang=25deg
Start GOES HXRBS 22:41:44 UVSP 22:08	Peak :44 22:41:5	End times 53 22:42:53	Peakc/s=77 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1510 Exp #=95781	MaxkeV=144 Rast=70"x70"	Flags=I Step=5"	Pitch=+425	Pitch=+425",Yaw=-26"
				90/60/68	6 DOY=249				
Event # = 1196 89/09/06,04:58	51 5 DOY=24 5 Dost	9 Fod times	SMM Pointing:	S16W11		Pitch=+409",Ya	, Yaw=-33", Rol	, Roll=-20deg	H.Ang=25deg
GOES HXRBS 04:58:21	rean 21 04:58:	58:45	Peakc/s=55	Qual=00 Qual=01	Tot Cts=257	MaxkeV=102			
Event # = 11962 89/09/06,15:22	D0Y=24		SMM Pointing:	N07E01		Pitch=+0", Yaw=+17",	+17", Roll=Odeg	0deg	H.Ang≖1deg
Start Optical	Peak	End times	HaClass=SF	S19W19	AR5669	Mac.=FKC	Carr.Lon.=84deg	.=84deg	H.Ang=32deg
GOES 15:11 HXRBS 15:11:24 Radio Sweeps Radio Frequen	15:22 :24 15:11:4 Type, uency(MHz),	15:11 15:22 15:41 15:11:24 15:11:45 15:12:01 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	<pre>Importance=t4 Peakc/s=95 V/2 410/59</pre>	Qual=01	Tot Cts=735	MaxkeV=188			
and the second s						The state of the s			

Event # = 11963 89/09/07,00:22 DOY=250 Start Peak GOES HXRBS 00:22:06 00:22:12 UVSP 23:58 Event # = 12598 89/09/07,00:56 DOY=250 Start Peak	250							
**0	End times	SMM Pointing:	S16W30		Pitch=+496",	Pitch≖+496",Yaw=-310",Roll=-20deg	]=-20deg	H.Ang=38deg
# = 12598 /07,00:56 Start	00:5	Peakc/s=106 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=419 Exp #=95788	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+375	Pitch=+375", Yaw=-124"
	250 End times	SMM Pointing:	S16W30		Pitch=+496",1	, Yaw=-310", Roll=-20deg	=-20deg	H.Ang=38deg
WKES 00:55:52 00:56:07 00:56:22 UVSP 00:54 Radio Frequency(MHz)/Flux(sfu):	6:07 00:56:22 z)/Flux(sfu):	Peakc/s=1002 Wavelength=2788A 15400/79	Qual=00 Qual=01	Tot Cts=2780 Exp #=95789	MaxkeV=232 Rast=180"x1"	Flags=I,FS Step=0" P	) Pitch=+377	Pitch=+377",Yaw=-131"
Event # = 12599 89/09/07,01:41 DOY=250 Start Peak	End tin	SMM Pointing:	S16W31		Pitch=+499",Y	, Yaw=-321", Roll=-20deg	=-20deg	H. Ang=38deg
Optical GOES 01:37 01:41	1:45	HaClass=SN Importance=C6	S20W10	AR5669	Mac.=FKC	Carr.Lon.=69deg	.69deg	H.Ang=29deg
	1:41:1 ensity	11 Peakc/s=242 (Wavelength=2788A (	Qual=01 Code=00	Tot Cts=8110 Exp #=95790	MaxkeV=144 Rast=180"x1"	Flags=I Step=0"	Pitch=+378"	", Yaw=-135"
Radio Frequency (MHz)/Flux(sfu)	:)/Flux(sfu):	245/820 410/27 2	595/14 49	2695/14 4995/28 8800/46 1	15400/32			
Event # = 11964 89/09/07,03:32 DOY=250 Start Peak	50 End times	SMM Pointing:	S16W32		Pitch=+383", Y	Pitch=+383", Yaw=-464", Roll=-3deg	=-3deg	H. Ang=39deg
GOES HXRBS 03:31:20 03:31:37 BCS 03:32 03:32	:37 03:32:01 03:34	Peakc/s=41 CaPeak.c/s=20	Qual=00 Qual=01 Qual= 4	Tot Cts=280 FePeak=03:32	MaxkeV=102 FePeak.c/s=6		dt= 7.7s	XEN=925001
UVSP 03:58 UVSP 03:58 Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)		Wavelength=2788A III/2 245/930 410/95		Exp #=95793	Rast=0"x0" Rast=180"x1"	Step=0" ( Step=0" F	Cad=1.02s Pitch=+262"	1.024s/pixel ", Yaw=-285"
Event # = 11965 89/09/07,03:36 DOY=250 Start Beat	50	SMM Pointing:	S16W32		Pitch=+383", Y <sub>0</sub>	Pitch=+383", Yaw=-464", Roll=-3deg	=-3deg	H.Ang=39deg
ical		HaClass=SF	S15W23	AR5669	Mac.=FKC	Carr.Lon.=81deg	81deg	H.Ang=32deg
HXRBS 03:35:48 03:36:21 UVSP 03:58	:21 03:36:53	Peakc/s=38 Wavelength=2788A	Qual=01	Tot Cts=319 Exp #=95793	MaxkeV=102 Rast=180"x1"	Flags=I Step=0" P	Pitch=+262"	', Yaw=-285"
Event # = 11966 89/09/07,03:46 DOY=250 Start Peak	50 End times	SMM Pointing:	S16W32		Pitch=+383", Ye	, Yaw=-464", Roll=-3deg	3deg	H.Ang=39deg
ical		HaClass=SF	N25E40	AR5675	Mac.=ESO	Carr.Lon.=18deg	18deg	H.Ang=42deg
HXRBS 03:45:41 03:46:02 UVSP 03:58 Radio Sweeps Type/In	03:46:10 tensity:	Peakc/s=36 Wavelength=2788A III/1	Qual=01	Tot Cts=127 Exp #=95793	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=+262",Yaw=-285"	, Yaw=-285"

Event # = 11967 89/09/07,05:36	l		SMM Pointing:	S16W33		Pitch=+505", Yaw=-343",	=-343", Roll	, Roll=-20deg	H.Ang=40deg
Start				\$17W25	AR5669	Mac.=FKC	Carr.Lon.=82deg	=82deg	H.Ang=35deg
GOES 05:27 HXRBS 05:17:49 BCS 05:15	05:36 05:19:14 05:35	05:52 05:20:26 05:37	Importance=M1 Peakc/s=266 CaPeak.c/s=446	Qual=03 Qual=01 Qual= 2	Tot Cts=3734 FePeak=05:34	MaxkeV=232 FePeak.c/s=64 Rast=0"x0"		dt= 7.7s Cad=1.02s	XEN=925002 s 1.024s/pixel
0			Wavelength=2788A	Code=00	Exp #=95795	Rast=180"x1"	Step=0"	Pitch=+386"	, Yaw=-164"
Radio Sweeps Radio Frequen	Type/] cy (MHz)/F		2 7800 410/34	800/42 ociated		1		1 1 1 1	1 1 1
HXRBS 05:31:13	05:31:36	:33:42	c/s=54	Qual=01	Tot Cts=1222 Fount # = 11969	MaxkeV=102	•	1 1 1	
HXRBS 05:35:38	05:36:06	05:35:38 05:36:06 05:36:21	Peakc/s=54	Qual=01	Tot Cts=468	MaxkeV=102			
Event # = 23230 89/09/07,06:17 Start Ontical	DOY=250 Peak	End times	HaClass=1N	N24E08	AR5672	Mac.=EKI	Carr.Lon.=48deg		H.Ang≖18deg
GOES 06:16	06:17	06:46	CaPeak.c/s=32	Qual=06 Qual= 5	FePeak=06:20	FePeak.c/s=6	#Peaks=1 Step=0"	dt= 7.7s X Cad=1.02s 1	XEN=925003 1.024s/pixel
FCS UVSP 06:07			Wavelength=2788A		Exp #=95796	Rast=180"x1"	Step=0"	Pitch=+387	", Yaw=-168"
Event # = 11970 89/09/07.07:00	) DOY=250		SMM Pointing:	S16W34		Pitch=+508", Yaw	, Yaw=-354", Rol	, Roll=-20deg	H.Ang=40deg
Start	Peak	End times	HaClass=SF	N23E89	AR5686	Mac.≖AXX	Carr.Lon.=327deg	=327deg	H.Ang≖86deg
GÖES HXRBS 06:58:32 BCS 06:53	2 06:58:54 07:00	4 06:58:59 07:06	Peakc/s=34 CaPeak.c/s=30	Qual=00 Qual=01 Qual= 1	Tot Cts=118 FePeak=06:58	MaxkeV=102 FePeak.c/s=5 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s Cad=1.02s	XEN=925004 1.024s/pixel
FCS UVSP 07:01			Wavelength=2788A		Exp #=95797	Rast=180"x1"	Step=0"	Pitch=+388	", Yaw=-175"
Event # = 1197 89/09/07,08:02	1 D0Y=250	1	SMM Pointing:	S16W34		Pitch=+511",Yaw	,Yaw=-365",Rol	, Roll=-20deg	H.Ang=41deg
Start		End times	HaClass=SF	S21W16	AR5669	Mac.=FKC	Carr.Lon.=71deg	.=71deg	H.Ang≖32deg
GÖES HXRBS 08:01:1 UVSP 08:01 Radio Freque	5 08:02:C ncy(MHz)/	08:01:15 08:02:01 08:02:47 08:01 Frequency(MHz)/Flux(sfu):	Peakc/s=59 Wavelength=1375A 4995/54	Qual=01	Tot Cts=1298 Exp #=95801	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+510"	", Yaw=-291"
Event # = 11972 89/09/07 08:19	2 DOY=250		SMM Pointing:	S16W34		Pitch=+511",Ya	, Yaw=-365", Rol	, Roll=-20deg	H.Ang=41deg
Start Optical		End times	HaClass=SF	N28E22	AR5682	Mac.=BX0	Carr.Lon.=33deg	.=33deg	H.Ang=29deg
88	1 08:19:(	:18:51 08:19:01 08:19:31 :12	Peakc/s=43 Wavelength=1375A		Tot Cts=162 Exp #=95803	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+511	Pitch=+511",Yaw=-292"

7 H	Peakc/s=608 Capeak.c/s=43
	Variant./3-45 Quai= 4 Feredx=06:39 Wavelength=1375A Code=00 Exp #=95805 V/2 245/1600 410/120 606/40 1415/340 2695/2
1	S16W35
òχ	Qual=00 Peakc/s=87 Qual=01 Tot Wavelength=1375A Exp
1	S16W35
##	Qual=00 Peakc/s=74 Qual=01 Tot Wavelength=1375A Exp 245/650
	S16W36
ot Cts=137 <pre>cp #=95817</pre>	Qual=00 Peakc/s=38 Qual=01 Tot Wavelength=1375A Exp
	S16W39
ot Cts=132 op #=95850	Qual=00 Peakc/s=42 Qual=01 Tot Wavelength=1375A Exp
	S16W39
t Cts=626 p #=95852	Qual=00 c/s=41 Qual=01 Tot ( length=1375A Exp :
Pe	Qual=00 Qual= 1 FePeak=17:06
α.	ength=1375A Exp

Event # = 23233 89/09/07,17:26 Start Optical	33233 7:26 DOY=250 rt Peak	250	End times	HaClass=SF	S14W37	AR5669	Mac.=FKC	Carr.Lon.=87deg		H.Ang=42deg
1 1	7:18 17:26 17:32 7:19 Frequency(MHz)/Flux(sfu)	6 z)/F1	17:32 ux(sfu):	CaPeak.c/s=33 Wavelength=1375A 410/65	Qual= 1	FePeak=17:22 Exp #=95857	FePeak.c/s=13 Rast=0"x0" Rast=10"x10"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=1.02s 1 Pitch=+487",	XEN=925008 1.024s/pixel ",Yaw=-444"
Event # = ] 89/09/07,19	f = 11979 17,19:02 DOY=250	250		SMM Pointing:	S16W40		Pitch=+530", Yaw	, Yaw=-440", Rol	,Roll*-20deg	H.Ang=46deg
Optical GOES 18:5	7. reak	25	19:02 19:15	ortance=C4	\$18W35 Qual=03	AR5669	Mac.=FKC	Carr.Lon.=84deg	=84deg	H.Ang≈43deg
HXRBS 18:9 UVSP 19:0 Radio Fre	33 61 73	8:14 z)/F1	18:59:2/ lux(sfu):	5A	Qual=01 Code=00	EXP		Step=5"	Pitch=+515"	',Yaw=-535" 
HXRBS 19:(	19:03:34 19:03	3:57	19:03:57 19:04:17	akc/s=39	Qual=01	Tot Cts=211	MaxkeV=102			
Event # = 11981 89/09/07,20:33	11981 0:33 DOY=250	250		SMM Pointing:	S16W41		Pitch=+533", Yaw	, Yaw=-450", Rol	,Roll=-20deg	H.Ang=47deg
Sta Optical	rt Peak		End times	HaClass=SF	S14W33	AR5669	Mac.=FKC	Carr.Lon.=81deg	=81deg	H.Ang=39deg
GOES HXRBS 20:: UVSP 20:: Radio Fr	20:32:16 20:33:35 20:34:1 20:32 Frequency(MHz)/Flux(sfu)	13:35 Iz)/F1	20:34:10 ux(sfu):	Peakc/s=111 Wavelength=1375A 410/490	Qual=00 Qual=01	Tot Cts=1880 Exp #=95877	MaxkeV=188 Rast=30"x30"	Step=5"	Pitch=+527'	Pitch=+527",Yaw=-365"
Event # = 11982 89/09/07,20:36	11982 0:36 DOY=250	:250		SMM Pointing:	S16W41		Pitch=+533", Yaw	, Yaw=-450", Rol	, Roll=-20deg	H.Ang=47deg
Sta Optical	rt Peak	J	End times	HaClass=SF	N13E57	AR5680	Mac.=EKI	Carr.Lon.=351deg	-351deg	H.Ang=56deg
HXRBS 20: UVSP 20:	20:35:55 20:3 <sup>1</sup> 20:32	20:36:02	20:36:39	Peakc/s=38 Wavelength=1375A	Qual=01	Tot Cts=238 Exp #=95877	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+527"	", Yaw=-365"
Event # = 23234 89/09/07,21:17 Start	23234 1:17 DOY=250 rt Peak	-250	End times		067919	0.0000	J. J. J.	papp= no   when	מים דים "	H Ann=45den
Optical 60ES 21:07 pcs 21:35	21:1	71	21:31	HaClass=sb Importance=M1 Cabeak_c/s=23	0ual=05	FePe	matrnt FePeak.c/s=5		dt= 7.7s	XEN=925011
FCS 21:39 FCS UVSP 21:39	C:17	3		Wavelength=2788A	) ; ;		Rast=0"x0" Rast=243"x243"	Step=0" Step=3"	Cad=1.02s Pitch=+542	1.024s/pixel ",Yaw=-445"
Event # = 11983 89/09/07,23:13 Start	11983 3:13 DOY=250 rt Peak	-250	End times	SMM Pointing:	S16W42		Pitch=+535", Yaw=-461", Roll=-20deg	4=-461", Ro	11=-20deg	H.Ang=48deg
GOES HXRBS 23:13: UVSP 22:58 Radio Sweeps	_ 0	23:13:57 Type/In	o	Qual=00 Peakc/s=77 Qual=01 Wavelength=2788A III/1 245/520 410/87 8800/35	Qual=00 Qual=01 800/35	Tot Cts=720 Exp #=95882	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+416	Pitch=+416",Yaw=-282"
		.								

3/08,01:21 Start	) DOY=251 Peak	End times		,					
BCS 01:19	01:21	01:31	CaPeak.c/s=29	Qual=00 Qual= 4	FePeak=01:19	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=925100
P 01:26			Wavelength=2788A		Exp #=95885	Rast=0.x0 Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+420	1.024s/pixel 0",Yaw=-297"
Event # = 11990 89/09/08,01:24 Start	) DOY=251 Peak	End times	SMM Pointing:	S16W44	The state of the s	Pitch=+540", Yaw=-481"	w=-481", Rol	, Roll = -20deg	H.Ang=49deg
GUES HXRBS 01:24:04 UVSP 01:26	. 01:24:14	01:24:31	Peakc/s=46 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=232 Exp #=95885	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+420"	", Yaw=-297"
Event # = 11991 89/09/08,01:25 Start	D0Y=251 Peak	End times	SMM Pointing:	S16W44		Pitch=+540", Ya	, Yaw=-481", Roll=-20deg	1=-20deg	H.Ang=49deg
GOES HXRBS 01:25:33 UVSP 01:26	01:25:38	01:25:53	Peakc/s=45 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=118 Exp #=95885	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+420"	", Yaw=-297"
Event # = 11992 89/09/08,02:35 Start	D0Y=251 Peak	Fnd times	SMM Pointing:	S16W44		Pitch=+540", Ya	, Yaw=-481", Roll	1=-20deg	H.Ang≈49deg
ical 5 02:31	02:35	02.42	HaClass=SF	S21W34	AR5669	Mac.=FKC	Carr.Lon.≖79deg	=79deg	H.Ang=44deg
HXRBS 02:31:26 BCS 02:33 FCS	02:33:23 02:36	02:35:20 03:04	Peakc/s=350 CaPeak.c/s=119	Qual=01 Qual=01 Qual= 1	Tot Cts=7231 FePeak=02:36	MaxkeV=188 FePeak, c/s=27	#Peaks=1	dt= 3.8s	XEN=925101
P 02:57 io Frequen	02:57 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=2788A 606/83 1415/41		Exp #=95887	kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=.26s Pitch=+422"	0.256s/pixel ",Yaw=-306"
Event # = 11993 89/09/08,03:38 Start	DOY=251 Peak	End times	SMM Pointing:	S16W45		Pitch=+543", Ya	, Yaw=-491", Rol	, Roll=-20deg	H.Ang=50deg
Optical GOES 03:28	03:38	3	HaClass≖1N Importance=M1	N29E27 Oual=05	AR5676	Mac.=ESO	Carr.Lon.=18deg	=18deg	H.Ang≈33deg
3S 03:41:17 0 03:35	03:42:09	03:42:43	8	Qual=01 Code=00	Tot Cts=617 Exp #=95888	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+423", Yaw=-	', Yaw≖-310"
Event # = 11984 89/09/08,04:09 Start	D0Y=251 Peak	Fnd times	SMM Pointing:	S16W45		Pitch=+543", Ya	, Yaw=-491", Roll	, Roll=-20deg	H.Ang=50deg
ical 3 04:06	04:09	?		\$20W25	AR5669	Mac.=FKC	Carr.Lon.=69deg	.69deg	H.Ang=37deg
3S 04:07:18 04:07:00	04:07:32	04:11:35	Peakc/s=7151	Qual=02	Tot Cts=92149	MaxkeV=420	Flags=M5, S	SG	
BCS 04:09 FCS 04:30	04:11		CaPeak.c/s=162	Qual= 1	FePeak=04:09	FePeak.c/s=36 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s Cad=.26s	Dur=60sec XEN=925102 0.256s/pixel
io Sweeps Type/Intensity	Type/In		III/3		EAP #-93009	KdSt=180"X1"	srep=0"	n=+424	, Yaw=-316"

0/60/68	Event # = 11985 89/09/08,04:25	D0Y=251		SMM Pointing:	S16W45		Pitch=+543", Yaw=-491", Roll=-20deg	491", Roll		H.Ang=50deg
Optical		Peak	End times	HaClass=SF	N27E26	AR5676	Mac.=ESO	Carr.Lon.=18deg		H.Ang≈32deg
GOES HXRBS UVSP	04:24:17 04:25:09 04:25:42 04:30	04:25:09		Peakc/s=41 Wavelength=2788A	Qual=01	Tot Cts=364 Exp #=95889	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+424", Yaw=-316"	, Yaw=-316"
Event # 89/09/0	Event # = 11986 89/09/08,04:29	D0Y=251		SMM Pointing:	S16W45	1000	Pitch=+543", Yaw	, Yaw=-491", Roll=-20deg	=-20deg	H.Ang=50deg
Optical Optical	Start	Реак	End times	HaClass=SF HaClass=SF	S17W37 N27E26	AR5669 AR5676	Mac.=FKC	Carr.Lon.=81deg Carr.Lon.=18deg		H.Ang=44deg H.Ang=32deg
GOES HXRBS ( UVSP (	04:28:51 04:29:14 04:30:19 04:30	04:29:14		Peakc/s=59 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=524 Exp #=95889	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+424",Yaw=-316"	, Үам=-316"
Event 4 89/09/0	Event # = 23236 89/09/08,05:29 Start	D0Y=251 Peak	End times						,	
Optical	3 3 3	<b>5</b>		HaClass=SN	\$11 <b>E</b> 90			Carr.Lon.=314deg	-314deg	H.Ang=91deg
805 805 190 190 190 190 190 190 190 190 190 190	05:15	05:29	05:47	CaPeak.c/s=43	Qual= 4	FePeak=05:29	FePeak.c/s=8		dt= 7.7s Cad=1.02s	XEN=925103 1.024s/pixel
UVSP	90:50			Wavelength=2788A		Exp #=95890	Rast=180"x1"	Step=0"		", Yaw=-319"
Event 1 89/09/(	Event # = 11987 89/09/08,05:57 Start	D0Y=251 Peak	End times	SMM Pointing:	S16W46		Pitch=+545", Yaw=-501", Roll=-20deg	/=-501", Roll	20deg	H.Ang=51deg
GOES HXRBS BCS	05:54:36 05:54	05:54:51 05:57		Peakc/s=53 CaPeak.c/s=57	Qual=06 Qual=01 Qual= 1	Tot Cts=508 FePeak=05:57	MaxkeV=144 FePeak.c/s=9		dt= 3.8s	XEN=925104
WSP WSP	06:02			Wavelength=2788A		Exp #=95891	Rast=180"x1"	Step=0"	9	, Yaw=-325"
Event 89/09/	Event # = 11988 89/09/08,06:47 Start	DOY=251 Peak	End times	SMM Pointing:	S16W47		47	, Yaw=-511", Roll=-20deg	1=-20deg	H.Ang=52deg
Optical GOES HXRBS BCS	06:44 06:45:48 06:47	06:47 06:46:06 06:47		HaClass=SF Importance=C5 Peakc/s=256 CaPeak.c/s=54	\$23#34 Qual=01 Qual=02 Qual= 5	AR5669 Tot Cts=1997 FePeak=06:47	Mac.=FKC MaxkeV=188 FePeak.c/s=13		.8s	H. Ang=45deg XEN=925105
FCS UVSP Radio Radio		6:39 Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=2788A Code=00 111/3 245/280 410/590 606/90	. Code=00	Exp #=95892	Rast=U`xU'' Rast=180"x1"	Step=0"	cd=.20s Pitch=+427",	u.zoos/pixei ",Yaw=-329"

Event # = 11989 89/09/08,07:29	11989 7:29 DOY=29	251	Fnd + impo	SMM Pointing:	S16W47		Pitch=+547", Yaw	, Yaw=-511", Rol	, Roll=-20deg	H.Ang=52deg
Optical Optical	A 20. FO		?	HaClass=SF HaClass=SF	S16W30 N20E59	AR5669 AR5686	Mac.=FKC	Carr.Lon.=72deg Carr.Lon.=343deg	=72deg =343deg	H.Ang=38deg H.Ang=58deg
HXRBS 07:27 HXRBS 07:27 BCS 07:28 ECS	27:25 07:27: 27:25 07:27: 28 07:29	43	07:28:03 07:34 07:34	<pre>Importance=Cb Peakc/s=77 CaPeak.c/s=39</pre>	Qual=03 Qual=01 Qual= 1	Tot Cts=634 FePeak=07:30	MaxkeV=144 FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=925106
UVSP 07:33	33			Wavelength=2788A	Code=02	Exp #=95893	Kast=U"xU" Rast=180"x1"	Step=0" Step=0"	Cad=.26s (Pitch=+428"	0.256s/pixel ",Yaw=-334"
Event # = 23237 89/09/08,11:25 Start GOES 11:25 UVSP 11:26	00Y= Peak 11:2	1	End times 11:27	CaPeak.c/s=20 Wavelength=1375A	Qua]=00 Qua]= 6	FePeak=11:25 Exp #=95913	FePeak.c/s=8 Rast=265"x265"	#Peaks=1 Step=5"	dt= 7.7s ) Pitch=+561",	XEN=925107 ", Yaw=-528"
Event # = 3 89/09/08,13	11994 3:32 DOY=2	;;		SMM Pointing:	S16W51		Pitch=+555", Yaw	,Yaw=-552",Roll=-20deg	=-20deg	H.Ang=55deg
Start 60ES 13:25 HXRBS 13:30:32 UVSP 13:25	7t Peak 25 13:32 30:32 13:30: 25	46	End times 13:37 13:31:39	Importance=C4 Peakc/s=33 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=224 Exp #=95928	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+540"	", Yaw=-636"
Event # = 11995 89/09/08,14:34 Start	11995 1:34 DOY=29 rt Peak	12	End times	SMM Pointing:	S16W51		Pitch=+555", Yaw	, Yaw=-552", Rol	, Roll=-20deg	H.Ang=55deg
GOES HXRBS 14:3 UVSP 14:3	14:34:08 14:34: 14:35	:15	34:26	Peakc/s=54 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=166 Exp #=95932	MaxkeV=102 Rast=150"x150"	Step=10"	Pitch=+591"	', Yaw≖-487"
Event # = 11996 89/09/08,16:20	11996 5:20 DOY=251 1+ Deak	-	המל + המל +	SMM Pointing:	S16W52		Pitch≈+557",Yaw	, Yaw=-562", Roll	, Roll=-20deg	H.Ang=56deg
Optical Soft	5			HaClass=SF	S21W42	AR5669	Mac.=FKC	Carr.Lon.=80deg	:80deg	H.Ang≈50deg
HXRBS 16:2 UVSP 16:2	16:20:37 16:20:49 16:20		16:21:22	Peakc/s=46 Wavelength=1375A	Qual=01	Tot Cts=189 Exp #=95944	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+558"	', Yaw=-507"
Event # = 11997 89/09/08,18:03 Start	D0Y=2 Peak		End times	SMM Pointing:	S16W53		Pitch=+560", Yaw	, Yaw=-574", Roll	, Roll=-20deg	H.Ang=57deg
Optical 50ES 17:5	2 18:03	· · ·	18:28	HaClass=1N	N17E33	AR5680	Mac.=EKI	Carr.Lon.=4deg	4deg	H.Ang=34deg
HXRBS 17:5 UVSP 18:0 Radio Sweep	17:51:35 17:53:12 17:57:21 18:01 Type/Intensity:	3:12 ce/Int	17:57:21 tensity:	Peakc/s=200 (Wavelength=1375A CV/s=100 A10/07 606	Qual=01 Code=00		MaxkeV=188 Rast=30"x30"	Step=5"	Pitch=+540"	', Yaw=-661"
אמתוס בו פ	daelicy (mrz	-// -	: (n) s) yr	66/0141 09/909 /6/014 001/047	Jo/ 8U 14I:	/8/5607 66/5				

Event # = 23228 89/09/08,20:35 Start GOES BCS 20:34 FCS UVSP 20:38	D0Y=251 Peak 20:35	End times 21:18	CaPeak.c/s=201 Wavelength=1375A	Qual=00 Qual= 5	FePeak=20:34 Exp #=95967	FePeak.c/s=12 Rast=0"x0" Rast=265"x265"	#Peaks=2 Step=0" Step=5"	dt= 3.8s X Cad=.26s 0 Pitch=+570",	XEN=925108 0.256s/pixel ",Yaw=-578"
Event # = 23238 89/09/08,21:40 Start Optical GOES 21:18 BCS 22:07 FCS 21:16	DOY=251 Peak 21:40 22:08	End times 22:21 22:29	HaClass=1N HaClass=SF Importance=M2 CaPeak.c/s=96 Wavelength=1375A	S18W48 N22W25 Qual=05 Qual= 5	AR5669 AR5672 FePeak=22:08 Exp #=95975	Mac.=FKC FePeak.c/s=8 Rast=180"x180" Rast=30"x30"	Carr.Lon.=83deg Carr.Lon.=60deg #Peaks=1 dt= 3 Step=10" Cad= Step=5" Pitch	.8s 332s =+622	H.Ang=54deg H.Ang=28deg XEN=925109 1.024s/pixel ", Yaw=-608"
Event # = 12601 89/09/09,00:11 Start GOES HXRBS 00:11:01 UVSP 00:26	DOY=252 Peak 1 00:11:52	End times 00:12:41	SMM Pointing: Peakc/s=256 Wavelength=2788A	89/09/09 S16W56 Qual=01 Qual=01	DOY=252 Tot Cts=12800 Exp #=95979	Pitch=+565", Yaw: MaxkeV=188 Rast=180"x1"	, Yaw=-606", Roll= Flags=I, ND Step=0"	, Roll=-20deg	H.Ang=60deg
Event # = 23239 89/09/09,02:02   Start Optical GOES 01:41 FCS 01:58	9 D0Y=252 Peak 02:02 01:49	End times 02:12	HaClass=SF CaPeak.c/s=81 Peak3c/s=16499 Wavelength=2788A	\$08E73 Qual=03 Qual= 6	AR5689 FePeak=02:02 Exp #=95981	Mac.=CAO FePeak.c/s=11 Rast=180"x180" Rast=180"x1"	Carr.Lon #Peaks=1 Step=10" Step=0"	.=319deg H dt= 7.7s X Cad= 332s 1 Pitch=+446",	H.Ang=74deg XEN=925200 1.024s/pixel ", Yaw=-432"
Event # = 23240 89/09/09,03:00 Start Optical GGES GGES GGS UVSP 03:29	0 D0Y=252 Peak 03:00 03:02	End times 03:09	HaClass=SF CaPeak.c/s=26 Peak3c/s=6124 Wavelength=2788A	N24W03 Qual=00 Qual= 5	AR5682 FePeak=03:00 Exp #=95983	Mac.=DSO FePeak.c/s=6 Rast=0"x0" Rast=180"x1"	Carr.Lon. #Peaks=1 Step=0" Step=0"	=35deg dt= 7.7s Cad=1.02s Pitch=+227	H.Ang=17deg XEN=925201 1.024s/pixel ", Yaw=-584"
Event # = 23241 89/09/09;04:44 Start Optical GOES 04:37 BCS 04:35 FCS 04:35 FCS 05:01	1 D0Y=252 Peak 04:44 04:43	End times 05:04 05:05	HaClass=SF Importance=M1 CaPeak.c/s=598 Wavelength=2788A 	S15W57 Qual=03 Qual= 1 SA Associated Qual= 5	AR5669 FePeak=04:41 Exp #=95985 Event # = 23242 FePeak=05:06	Mac.=FKI FePeak.c/s=166 Rast=420"x240" Rast=180"x1" FePeak.c/s=6 Rast=180"x180"	carr.Lon. #Peaks=1 Step=15" Step=0"  #Peaks=1 Step=10"	=88deg	H.Ang=61deg XEN=925202 1.024s/pixel ", Yaw=-446" XEN=925203 1.024s/pixel

Start	Peak	End times							
60ES BCS 07:22 FCS	07:24	07:28	CaPeak.c/s=25	Qual=00 Qual= 1	FePeak=07:22	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=925204
ŠP 07:12			Wavelength=2788A	er.	Exp #=95988	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+449",	1.024s/pixel ",Yaw=-455"
Event # = 11998 89/09/09,07:44 Start	8 D0Y=252 Peak	End times	SMM Pointing:	S16W60		Pitch=+570", Yaw=-637", Roll=-20deg	Iw=-637", Ro]	11=-20deg	H.Ang=64deg
GUES HXRBS 07:43:28 BCS 07:44	07:43:28 07:43:39 07:44 07:44	07:43:51 07:46	Peakc/s≖41 CaPeak.c/s≖21	Qual=01 Qual=01 Qual= 4	Tot Cts=158 FePeak=07:44	MaxkeV=102 FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=925205
SP 08:05			₩avelength=2788A		Exp #=95989	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s 1 Pitch=+450",	1.024s/pixel ", Yaw=-459"
Event # = 23244 89/09/09,08:52 Start	1 D0Y=252 Peak	End times							
BCS 08:51	08:52	00:60	CaPeak.c/s=27	Qual=00 Qual= 5	FePeak=08:52	FePeak.c/s=8	#Peaks=1		XEN=925206
P 08:43			Wavelength≖2788A		Exp #=95990	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=+450"	1.024s/pixel ", Yaw=-462"
Event # = 11999 89/09/09,09:14 Start	) D0Y=252 Peak	End times	SMM Pointing:	S16W61		Pitch=+572", Yaw=-648",	w=-648", Rol	, Roll=-20deg	H.Ang=65deg
ical S 09:08	09:14	09:28	HaClass=2B	N18E28	AR5680	Mac.=EKI	Carr.Lon.=Odeg	=0deg	H.Ang=29deg
HXRBS 09:09:15 09:10:40 09:34:47 GRS 09:10:00 09:15:00	09:10:40	09:34:47	Peakc/s=111000Qual=11	00ual=11	Tot Cts=4.51E+6	+6 MaxkeV=860	Flags=M5,DG	90	
P 09:39	Tvpe/Ir	ntensity:	Wavelength=2788A		Exp #=95991	Ziomev=r Rast=180"x1"	Step=0"	Dur=300sec Pitch=+451", Yaw=-466"	Dur=300sec ,Yaw=-466"
io Frequer	Frequency(MHZ)/Flux(sfu)	lux(sfu):	245/	00 606/41	00 1415/2300 26	13000 410/1200 606/4100 1415/2300 2695/1400 4995/2700 8800/5700 15400/9900	0 8800/5700	15400/9900	
Event # = 23245 89/09/09,10:32 Start	D0Y=252 Peak	End times							
BCS 10:26	10:32	11:00	CaPeak.c/s=179	Qua]=00 Qua]= 1	FePeak=10:29	FePeak.c/s=37		dt= 7.7s	XEN=925207
P 10:31			Wavelength=1375A		Exp #=95994	Rast=420"x240" Rast=10"x10"	Step≖15" Step=0"	Cad= 459s Pitch=+551"	1.024s/pixel, Yaw=-664"
Event # = 12000 89/09/09,10:33 Start	DOY=252 Peak	End times	SMM Pointing:	S16W61		Pitch=+572", Yaw=-648", Roll=-20deg	648", Roll	]=-20deg	H.Ang=65deg
GOES HXRBS 10:33:46 UVSP 10:31	10:33:46 10:33:51 10:33:55 10:31		Peakc/s=47 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=90 Exp #=95994	MaxkeV=102 Rast=10"x10"	Step=0"	Pi+ch=+551" Yawm_A664"	" 133 - #Me V

Event # = 12001 89/09/09.11:12	D0Y=252		SMM Pointing:	S16W63		Pitch=+573", Yaw=	, Yaw=-658", Roll=-20deg		H.Ang=66deg
SHH	tart Peak End tim 1:09 11:12 11:19 1:09:09 11:10:36 11:12:5: 1:11 Frequency(MHz)/Flux(sfu)	. 2 es	Importance=C5 Peakc/s=594 Wavelength=1375A 245/200 1415/230	Qual=03 Qual=01 Code=00 4995/84	Tot Cts=31481 Exp #=96000	MaxkeV=232 Rast=10"x10"	Step=0"	Pitch=+552"	', Үам=-626"
Event # = 23246 89/09/09,12:05 Start GOES 12:02 FCS 12:03	6 D0Y=252 Peak 12:05	End times 12:21	CaPeak.c/s=31 Wavelength=1375A	Qual=00 Qual=1	FePeak=12:04 Exp #=96002	FePeak.c/s=10 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+577",	XEN=925208 1.024s/pixel ", Yaw=-620"
<b>₩</b> 0000	DOY=2 Peak	1	inting: lass=SN	\$16W63 N19E31 Qual=00	AR5680 Tot Cts=3108	Pitch=+573",Yaw Mac.=EKI MaxkeV=102	,Yaw=-658",Roll=-20de Carr.Lon.=355deg	<b>5</b> 7	H.Ang=66deg H.Ang=32deg
HXRBS 12:45:5b BCS 12:27 FCS 12:03 UVSP 12:03 Radio Sweeps Radio Frequenc	12:45:56 12:47:11 12:46:10 12:27 12:46 12:51 12:03 Type/Intensity Frequency(MHz)/Flux(sfu)	n	CaPeak.c/s=1£3 CaPeak.c/s=38 Wavelength=1375A III/2 410/3900 606/940	Qual= 2	FePeak=12:46 Exp #=96002	FePeak.c/s=11 Rast=0"x0" Rast=70"x70"	#Peaks=2 Step=0" Step=5"	dt= 7.7s X Cad=1.02s 1 Pitch=+577",	xEN=925209 1.024s/pixel ",Yaw=-620"
Event # = 12003 89/09/09,15:38	13 1 DOY=252	# P P P P P P P P P P P P P P P P P P P	SMM Pointing:	S16W64		73"	, Yaw=-668", Roll=-20deg	1=-20deg	H.Ang=67deg
Start Optical		בנות נווועי	Jass=SN	N18E26	AR5680	Mac.=EKI	Carr.Lon.=359deg	=359deg	H.Ang=28deg
GDES 15:32 HXRBS 15:33:21 UVSP 15:34 Radio Sweeps Radio Frequenc		m	Importance=U9 Peakc/s=452 Wavelength=1375A V/3 245/900 410/5800	Qual=03 Qual=01 Code=00 606/4000	Tot Cts=13705 Exp #=96018 11415/69 2695/38	MaxkeV=23 Rast=10"x 4995/210	2 :10" Step=0" 8800/110 15400/55	Pitch=+618" 35	", Yaw=-564"
Event # = 12004 89/09/09,16:46	)4 5 DOY=252	4 T	SMM Pointing:	N18E24		Pitch=-303", Yaw	, Yaw=+282", Rol	, Roll=-20deg	H.Ang=26deg
Start GOES HXRBS 16:46:15 UVSP 16:39	reak 15 16:46:24	16:46:54	Peakc/s=80 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=355 Exp #=96022	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=-263"	", Yaw=+222"
Event # = 12005 89/09/09.16:52	)5 2 DOY=252		SMM Pointing:	N18E24		Pitch=-303", Yaw	, Yaw=+282", Ro	, Roll=-20deg	H.Ang=26deg
Start Optical	Peak	End times	HaClass=SF	N24W38	AR5672	Mac.=EKI	Carr.Lon.=62deg	.=62deg	H.Ang=40deg
GÖES HXRBS 16:52:29 UVSP 16:39 Radio Sweeps	16	16:52:38 16:52:50 Type/Intensity:	Peakc/s=36 Wavelength=1375A III/1	Qual=01	Tot Cts=118 Exp #=96022	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=-263	Pitch=-263",Yaw=+222"

Event 89/09/	Event # = 12006 89/09/09,18:12	5 DOY=252	i	SMM Pointing:	N18E23		Pitch=-298", Yan	, Yaw=+271", Roll=-20deg	]=-20deg	H. Ana=25dea
GOES HXRBS UVSP	3tart 18:09:12 18:10	reak 2 18:12:55	5 18:14:26	Peakc/s=59 Wayelength=1375A	Qual=01 Qual=01	Tot Cts=2228 Exp #=96025	MaxkeV=102 Rast=30"x30"	Flags=M5 Step=5"	Pitch=-263	Pitch=-263", Yaw=+215"
Fvent	rrequer # = 12007	rrequency(mHz)/rlux(stu) = 12007	lux(stu):	245/100 4995/50		TO COMPANY OF THE PARTY OF THE		-		
89/09/	89/09/09,19:34 Start	DOY=252 Peak	End times	S	N18E23		Pitch=-298", Yaw	, Yaw=+271", Roll=-20deg	]=-20deg	H.Ang≈25deg
Optica GOES		19:3	20:06		\$15W67 0ual=04	AR5669	Mac.=FKI	Carr.Lon.=90deg	=90deg	H.Ang=70deg
HXRBS BCS FCS	19:33:09 19:58	20:03	9 19:41:31 20:15	Peakc/s=699 CaPeak.c/s=83	Qual=02 Qual= 1	Tot Cts=74900 FePeak=20:03	MaxkeV=144 FePeak.c/s=13	∽ .	lt= 3.8s	XEN=925210
	19:39	1		Wavelength=2788A	A Code=02	Exp #=96032	Kast=0"x0" Rast=243"x243	ep=0 ep=3"	d=.26s tch=-286	0.256s/pixel ",Yaw=+272"
	19:43:50		:46:05	Peakc/s=62	Qual=11 Ssociated	Tot Cts=981 Fvent # = 12603	MaxkeV=102	Flags=I,DG	1 1 1	1 1 1
HXRBS UVSP	19:48:13 19:46	19:48:30 19	:50:35	Peakc/s=51 Wavelength=2788	(ua]=01	Tot Cts=1310 Exp #=96033	MaxkeV=10 Rast=39"x	. B.G.	Pitch=-231"	", Yaw=+208"
HXRBS UVSP	20:01:08 19:46	20:01:37 20	:01:49	Peakc/s=35 Wavelength=2788A	ssociated Qual=01	Event # = 12604 Tot Cts=153 Exp #=96033	MaxkeV=102 Rast=39"x39"	Flags=I Step=3"	Pitch=-231"	
Event 89/09/	Event # = 12605 89/09/09,21:40 Start	D0Y=252 Peak	End times	SMM Pointing:	N07W00		Pitch=+0", Yaw=+0", Roll=9deg	Ю", Roll=9d€		H.Ang=Odeg
GOES HXRBS UVSP	21:40:01 21:54	21:40:08	21:40:29	Peakc/s=37 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=142 Exp #=96035	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=+4",Yaw=+5	ſaw=+5"
					89/09/10	) D0Y=253	THE PROPERTY OF THE PROPERTY O			
Event # 89/09/; Optical	Event # = 23247 89/09/10,00:33 Start Optical GDES	D0Y=253 Peak	End times	HaClass=SF	N20E21		Mac.=FKI	Carr.Lon.=359deg	*359deg	H.Ang=24deg
BCS FCS	00:12	00:33	00:40	CaPeak.c/s=58	Qual= 1	FePeak=00:33	FePeak.c/s=17	#Peaks=2	dt= 7.7s	XEN=925300
UVSP Radio	00:59 Frequenc	0:59 Frequency(MHz)/Flux(sfu)	••	Wavelength=2788A 410/250 606/110 2695/35	:695/35 49	Exp #=96039 4995/67 8800/41 1	kast=180"x180" Rast=180"x1" 15400/35	Step=10" Step=0"	Cad= 332s	1.024s/pixel ',Yaw=+149"
Event #89/09/1	Event # = 12008 89/09/10,01:40 Start	DOY=253 Peak	End times	<b>E</b>	N18E19		Pitch=-274", Yaw	, Yaw=+213", Roll	, Roll=-20deg	H.Ang=21deg
Optical GOES (	1:36	01:40	01:58		N16E57 Oual=05	AR5687	Mac.=DAI	Carr.Lon.≖322deg		H.Ang=56deg
HXRBS UVSP	)1:44:30 )1:35	01:44:37	01:44:56	Peakc/s=51 Wavelength=2788A		Tot Cts=185 Exp #=96040	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-140"	, Yaw=+144"

Event # = 12009 89/09/10.02:30	DOY=253		SMM Pointing:	N18E19		Pitch=-274", Yaw	, Yaw=+213", Rol	, Roll=-20deg	H.Ang=21deg
Start		End times	Class=SF	N18E20	AR5680	Mac.=FKI	Carr.Lon.=359deg	=359deg	H.Ang=22deg
GDES 02:23 HXRBS 02:22:10 BCS 02:01	02:30 02:25:42 02:30	02:53 2 02:29:57 02:37	rtance=C8 c/s=267 ak.c/s=215	Qual=01 Qual=01 Qual= 1	Tot Cts=15810 FePeak=02:30	MaxkeV=188 FePeak.c/s=60 Bast=420"x240"	#Peaks=2 Sten=15"	dt= 3.8s Cad= 459s	XEN=925301 1.024s/pixel
FCS UVSP O2:31 Radio Sweeps Type/Intensity Dadio Eramiency(MH2)/Flux(sfu)	Type/	Intensity: Flux(sfu):	Wavelength=2788A III/3 245/170 410/740 6	Code=02	Exp #=96041 1415/41 2695/29	Rast=180"x1" Step=0" 4995/120 8800/210 15400/130	Step=0" 0 15400/13	Pitch=-137	",Yaw=+137"
							1001	77,00	Sobot-sock II
89/09/10,04:55	D0Y=253		SMM Pointing:	N18E17		Pitch=-264",Yaw	, Yaw=+190", Rol	, Roll=-20deg	H.Ang≈∠∪aeg
Start Optical	Peak	End times	HaClass=SF	N17E46	AR5686	Mac.=CSO	Carr.Lon.=331deg	=331deg	H.Ang=46deg
GOES HXRBS 04:54:53 UVSP 04:39 Radio Frequen	04:55:29 cy(MHz)/F	4:54:53 04:55:29 04:56:02 4:39 Frequency(MHz)/Flux(sfu):	Peakc/s=53 Wavelength=2788A 245/140	Qual=01	Tot Cts=733 Exp #=96044	MaxkeV=232 Rast=180"x1"	Step=0"	Pitch=-130", Yaw=+121	", Yaw=+121"
Event # = 12011 89/09/10,05:04	DOY=253	Fnd times	SMM Pointing:	N18E17		Pitch=-264",Yav	, Yaw≍+190",Rol	, Roll=-20deg	H.Ang=20deg
GOES HXRBS 05:04:42 UVSP 04:39		05:0	Peakc/s=69 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=300 Exp #=96044	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=-130"	", Yaw=+121"
Event # = 23248 89/09/10,05:16 Start Ontical	D0Y=253 Peak	End times	HaClass=SF	N27W02	AR5676	Mac.=FA0	Carr.Lon.	.=19deg	H.Ang=20deg
60ES BCS 05:15	05:16	05:21	CaPeak.c/s=27	Qual=01 Qual= 4	FePeak=05:15	FePeak.c/s=8	#Peaks=1	dt= 7.7s X Cad=1.02s 1	XEN=925302 1.024s/pixel
FCS UVSP 05:35			Wavelength=2788A		Exp #=96045	Rast=180"x1"	Step=0"	l l	3", Yaw=+114"
Event # = 12012 89/09/10,05:25 Start	00Y=253 Peak	End times	SMM Pointing:	N18E17		Pitch=-264", Ya	, Yaw=+190", Roll=-20deg	11=-20deg	H.Ang=20deg
GOES HXRBS 05:26:22 BCS 05:23	05:27 05:25	7:07 05:27:27 05:29	Peakc/s=42 CaPeak.c/s=26	Qua =01 Qua]=01 Qua]= 1	Tot Cts=460 FePeak=05:24	MaxkeV=102 FePeak.c/s=9 Rast=0"x0"	#Peaks≖1 Step=0"	dt= 7.7s Cad=1.02s	XEN=925303 1.024s/pixel
_	ıcy (MHz)/	05:35 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 2695/1		Exp #=96045	Rast=180"x1"	Step=0"	Pitch=-128	
Event # = 12013 89/09/10,05:45	D0Y=25		SMM Pointing:	N18E17		Pitch=-264",Ya	,Yaw=+190",Ro	, Roll=-20deg	H.Ang=20deg
Start Optical		End time	s HaClass=2F	\$20¥56	AR5669	Mac.=FKI	Carr.Lon.=73deg	.=73deg	H.Ang=61deg
GOES 05:36 HXRBS 05:37:03 HVSP 05:35	05:45 3 05:39:34	OI.	Importance=M1 Peakc/s=250 Wavelength=2788A (	Qual=03 Qual=03 Code=00	Tot Cts=10935 Exp #=96045	MaxkeV=232 Rast=180"x1"	Flags=EN Step=0"	Pitch=-128"	8", Yaw=+114"
	Type, ncy (MHz),	eeps Type/Intensity: Frequency(MHz)/Flux(sfu):	111/1 245/760 2695/31	4995/120	8800/150 15400/77	77			

Strick   S	+44	1,001									
06:31 06:55 06:59 06:59 06:30 06:31 06:37	9/09/i	r = 12014 :0,06:55 Start	DOY=25	+ :	SMM Pointing	N18E16		Pitch≈-259",Ya	· =	11=-20deg	.Ang=19d
66:37:00         06:57:12         06:57:00         CaPeak.c.C/s=201         Qual=01         Top (ts=1)037         Maxee/s23         Heaks   da	ptica OES	06:51	06:55		空.E	N19E21	AR5680	Mac.=FKI	Carr.Lon.	. =355deg	H.Ang=24deg
Trequency (HR2)/Flux(stu): 245/270 410/4100 606/3900 1415/31 2695/53 4995/108 8000/210 15400/150		06:47:01 06:50	06:51 06:54	06:55:0 07:00	Sa G	Qual=01 Qual=01 Qual= 1	Tot Cts=10377 FePeak=06:54	MaxkeV=232 FePeak.c/s=44		dt= 3.8s	XEN=925304
Firequency(HHz)/Flux(Std)		07:07	Tvne/i		Wavelength=2788A		Exp #=96047	Rast=420"x240" Rast=180"x1"		Cad= 459s Pitch=-123	1.024s/pixel ", Yaw=+102"
Start Peak End times    12.01.56     12.00.55     12.00.5		Frequen	cy (MHz)/F		245/270 410/4100		1415/31 2695/5	4995/160	210 15400/1	50	
07:49:24 07:56:06 08:08:31 PeakC/s=418 Qual=01 Tot Cts=1.02E+5 Haxkev=275 Riag=H5.ND Pointing: N18E13 RA5680 Hac.=FK1 Carr.Lon.=98deg Qual=05:00 Discourse and times HaClass=1N M18E13 Rast=265"x265" Step=5" Pitch=-247 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-248 Pitch=-2	vent # 9/09/1	= 12015 0,07:56 Start	00Y=25	+	SE	N18E16			w=+167", Rol	1=-20deg	H.Ang=19deg
09:0924 07:56:06 08:08:31 Peakc/s-418 Qual-01 Tot Cts=1.02E+5 HaxkeW=275 Riags=H5.ND Peakc/s-418 Qual-01 Tot Cts=1.02E+5 HaxkeW=275 Step=5" Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_247 Pitch=_248 Pitch=_2	ptical DES			,	HaClass=	\$19W82	AR5669	Mac.=FKI	Carr.Lon.	=98deg	H.Ang=85deg
12.154   13.10   13.04   14.10   13.04   14.10   13.10   13.04   14.10   13.10   13.00   13.10   13.12   13.00   13.10   13.12   13.00   13.10   13.12   13.00   13.10   13.12   13.00   13.12   14.13   14.14   14.15   14.	XRBS VSP	07:49:24 08:00	07	08:08:3	c/s=418 ength=137		Tot Cts=1.02E+9 Exp #=96049	MaxkeV=275 Rast=265"x265	Flags=M5, Step=5"	ND Pitch=-247"	, Yaw=+178
13:04   13:04   13:04   143Class=1N   N18E13   AR5680   Mac=FKI   Carr.Lon.=360deg   L2:54:38   L2:56:47   L3:04:24   PeakC/s=2239   Qual=01   Tot Cts=93063   Maxev=521   Flags=H5   Flags=H5   L2:56   L3:00   L3:04   PeakC/s=239   Qual=01   Tot Cts=93063   Maxev=521   Flags=H5   Flags=H5   L2:56   L3:00   L3:00   L3:00   CaPeak.c/s=409   Qual=1   FePeak=13:00   FePeak.c/s=90   FePeak.	/ent # 9/09/1	= 1201 0,13:01 Start	DOY=25 Peak	+ e	SMM Pointing	N18E13		Pitch=-240", Yaw	v=+131", Rol	1=-20deg	H.Ang=17deg
12:56:00	otical DES	12:54	13:01	13:04	HaClass=1N	N18E13	AR5680	Mac.=FKI	Carr. Lon.	=360deg	H.Ang=17deg
12:56   13:00   13:09   CaPeak.c/s=409   Qual= 1   FePeak=13:00   FePeak.c/s=90   FePeak=13 (Sep=15")   Cad=459s   Frequency (MHz)/Flux(sfu): 245/440 410/7206 606/4800   14151   Doy=253   Pitch=-200	(RBS	12:54 12:56	•		Peakc/s=2239	Qual=01		MaxkeV=521	Flags=M5		
Past=420"x240"   Ste=15"   Cad= 459s   Frequency (MHz)/Flux(sfu): 245/440 410/7200 606/4800 1415/170 2695/150 4995/310 8800/450 15400/360   Pitch=-200	S, S	12:56	-	13:09	CaPe		FePeak=13:00	FePeak.c/s=90	Peaks=1	t= 3.8s	Dur=240sec XEN=925305
9/10,13:10 DOY=253 Start Peak End times 13:10 13:10 13:12 CaPeak.c/s=18 Qual=00 13:10 13:10 13:12 CaPeak.c/s=18 Qual=4 FePeak=13:10 FePeak.c/s=6 #Peaks=1 dt= 7.75 13:07 Wavelength=1375A Exp #=96080 Rast=265"x265" Step=5" Pitch=-231.  14:06 14:07 14:22 CaPeak.c/s=19 Qual=00 Qual=00 14:06 14:07 14:53 CaPeak.c/s=46 Qual=2 FePeak=14:51 FePeak.c/s=13 #Peaks=1 dt= 3.85 14:06 14:05 Wavelength=1375A Exp #=96086 Rast=30"x30" Step=5" Pitch=-196	/SP id io	12:53 Frequenc	:y(MHz)/F	lux(sfu):		Code=00 606/4800		Rast=420"x240" Rast=110"x200" 50 4995/310 8800	tep=15" tep=5" 50 15400	ad= 459s itch=-200 60	1.024s/pixel , Yaw=+108"
13:10 13:12 CaPeak.c/s=18 Qual=00	t. 9/1	= 23249 0,13:10 Start	D0Y=253 Peak	ذة							
13:07    Mayelength=1375A   Exp #=96080   Rast=188"x180"   Step=10"   Cad= 332s     Mayelength=1375A   Exp #=96080   Rast=265"x265"   Step=5"   Pitch=-231     Mayelength=1375A   Rast=14:12   Peak   Rast=30"x30"   Step=6"   Pitch=-131     Mayelength=1375A   Exp #=96086   Rast=30"x30"   Step=6"   Pitch=-196"     Mayelength=1375A   Exp #=96086   Rast=30"x30"   Step=15"   Carr.Lon.=326deg     Mayelength=1375A   Exp #=96086   Rast=30"x30"   Step=16"   Cad= 3.8s     Mayelength=1375A   Exp #=96086   Rast=30"x30"   Step=16"   Cad= 459s     Mayelength=288		3	:	∵:		Qual=00 Qual= 4	FePeak=13:10	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XFN=925306
## 23250 9/10,14:07 D0Y=253 Start Peak	υςς. ·	13:07			Wavelength=1375A			Rast=180"x180" Rast=265"x265"	Step=10" Step=5"	Cad= 332s Pitch=-231"	1.024s/pixel, Yaw=+138"
HaClass=SF	ent # /09/10	= 23250 ),14:07 start		t i me							
14:06	ES .	,	•	,	LIASS#SF	N19E46 Qual=00	AR5687		•	326deg	H.Ang≖46deg
14:06   Hast=30"x0"   Step=0" Cad=1.02s   Cad=1.02s	๛๛	4:06	4	?	ak.c/s=19	Qual= 4	FePeak=14:12	-		dt= 7.7s	XEN=925307
t # = 23251 3/10,14:51 DOY=253 Start Peak End times Qual=00 14:45 14:51 14:53 CaPeak.c/s=46 Qual= 2 FePeak=14:51 FePeak.c/s=13 #Peaks=1 dt= 3.8s 14:45 14:51 14:53 CaPeak.c/s=46 Qual= 2 FePeak=14:51 Rast=420"x240" Step=15" Cad= 459s 14:48 Wavelength=2788A Exp #=96093 Rast=180"x1" Step=0" Pitch=-99"	SP 1	4:06			elength=137			Kast=0"x0" Rast=30"x30"		Cad=1.02s Pitch=-196"	1.024s/pixel ,Yaw=+33"
14:45	ent # /09/10 S	= 23251 ,14:51 tart		End times	A CONTRACTOR OF THE CONTRACTOR						
14:48   Wavelength=2788A   Exp #=96093   Rast=180"x1"   Step=15"   Cad= 459s   Pitch=-99"	S S	:45	4	14:53	ak.c/s=46	Qual=00 Qual= 2				^ 00 c =+ p	00E300
	-	4:48			length=2788A		#=96093			Cad= 459s 1 Pitch=-99",)	1.024s/pixel faw=+42"

Class=SF	Event # = 23252 89/09/10,15:31 Start	2 D0Y=253 Peak	End times	i c	711011	Aprico		Carr In =356ded	-356den	H. Anc=19ded
15:31   15:35   Capeak.c/s=36   Quai=5   FePeak=15:31   FePeak.c/s=7   Step=0"   Capeak.c/s=7   Step=0"   Capeak.c/s=3   Quai=0   Capeak.c/s=7   Step=0"   Capeak.c/s=3   Quai=0   Capeak.c/s=3   Quai=0   Capeak.c/s=3   Capeak.c/s=	ical			HaClass=SF	N18E16 0.1al=00	AKSD&U	MdC. ≠FKI	ימנני דמווי.	-220uey	Sanct-Biller
DOY=253  Basel times  HaClass=SF  NITEDA  AR5683  HacBXO  Carr.Lon.=6  18.48  19:11  CaPeak.c/s=39  Qual=0  20:41  20:47  CaPeak.c/s=23  Qual=0  22:00	15:31	15:31	15:35		Qual= 5		FePeak.c/s=7 Rast=0"x0"		dt= 7.7s Cad=1.02s	XEN=925309 1.024s/pixel
DOY=253 End times HaClass=SF N17E04 AR5683 Mac.=BXO Carr.Lon.=6 18:48 19:11 CaPeak.c/s=39 Qual=01 Exp #=96100 Rast=30"x30" Step=0"	P 15:23						Rast=180"x1"		Pitch=-97",	Yaw=+37"
HaClass=SF   NI7E04   AR5683   Hac.=BX0   Carr.Lon.=EX0   CaPeak.c/s=39   Qual=0.00   CaPeak=18:48   FePeak.c/s=10   FPeaks=1   Step=0     Mavelength=1375A	int # = 2325 09/10,18:48 Start	i	End times						į	:
18:48 19:11 CaPeak.C/s=39 Qual= 1 FePeak=18:48 FePeak.C/s=10 #Peaks=1 Capeak.C/s=39 Qual= 1 Exp #=96100 Rast=30"x30" Step=0" Step=0" Capeak.C/s=23 Qual= 3 FePeak=20:38 FePeak.C/s=7 #Peaks=1 Capeak.C/s=23 Qual= 3 FePeak=20:38 FePeak.C/s=7 #Peaks=1 Capeak.C/s=23 Qual= 3 FePeak=20:38 FePeak.C/s=7 #Peaks=1 Capeak.C/s=23 Qual= 3 FePeak=20:38 FePeak.C/s=7 #Peaks=1 Capeak.C/s=45 Qual= 1 Rast=30"x30" Step=0" Step=0" Capeak.C/s=45 Qual= 1 FePeak=21:57 FePeak.C/s=10 #Peak Fepeak.C/s=45 Qual= 1 FePeak=21:57 FePeak.C/s=10 #Peaks=1 Capeak.C/s=45 Qual= 1 FePeak=21:57 FePeak.C/s=10 #Peak Fepeak.C/s=45 Qual= 1 FePeak=21:57 FePeak.C/s=10 #Peaks=1 Capeak.C/s=45 Qual= 1 FePeak=21:57 FePeak.C/s=10 #Peaks=1 Capeak.C/s=45 Qual= 1 Tot Cts=287 Peak Capeak.C/s=10 Qual=0 Tot Cts=287 Peak Fepeak.C/s=3 Qual=0 Tot Cts=287 Peak Fepeak.C/s=3 Capeak.C/s=41 Qual=0 Tot Cts=287 Peak Fepeak.C/s=3 Capeak.C/s=3 Qual=0 Tot Cts=287 Peak Fepeak.C/s=3 Qual=0 Tot Cts=287 Peak Fepeak.C/s=3 Qual=0 Tot Cts=41 Peak Fepeak.C/s=3 Capeak.C/s=3 Qual=0 Tot Cts=41 Peak Fepeak.C/s=3 Step=5 Peak Fepeak.C/s=3 Qual=0 Tot Cts=41 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Qual=0 Tot Cts=41 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak Fepeak.C/s=3 Peak.C/s=3 Peak Fepeak.C/s=3 Peak Fepea	ical			Class=SF	N17E04	AR5683	Mac.=BX0	Carr.Lon.	=6deg	H.Ang=11deg
DOY=253  Wavelength=1375A  Exp #=96100  Rast=30"x30" Step=5" F  Peak  Bud=100  Z0:41  Z0:41  Z0:47  CaPeak.c/s=23  Qual=00  Z0:41  Z0:41  Z0:47  CaPeak.c/s=23  Qual=00  Z2:00  Z	18:44	18:48	19:11		(ua)= 1 (ua)= 1	FePeak=18:48	FePeak.c/s=10	#Peaks=1	dt= 7.7s Cad=1.02s	XEN=925310 1.024s/pixel
DOY=253 Peak HaClass=SF N17E02 AR5683 Hac.=BXO Carr.Lon.=7 Qual=00  DOY=253 Peak HaClass=SF N17E02 AR5683 Hac.=BXO Carr.Lon.=7 Rast=gn*x0" Step=5" Gual=00  Z2:00 Z2:09 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00 Z2:00	p 18:42			Wavelength=1375A		Exp #=96100	Rast=30"x30"	Step=5"	Pitch=-157	", Yaw=-23"
20:41 20:47 CaPeak.c/s=23 Qual= 3 FePeak=20:38 FePeak.c/s=7 #Peaks=1 Qual=00 Q	nt # = 2325 09/10,20:41 Start		End times							
20:41 20:47 CaPeak.c/s=23 Qual= 3 FePeak=20:38 FePeak.c/s=7 #Peaks=1 capeak.c/s=23 Qual=3 FePeak=20:38 FePeak.c/s=7 #Peaks=1 capeak.c/s=23 Qual=30	ical			.Class=SF	N17E02	AR5683	Mac. #BX0	Carr.Lon.	=7deg	H.Ang=10deg
DOY=253 Peak End times HaClass=SF N17E01 AR5683 Mac.=BX0 Carr.Lon.=' Rast=30"x30" Step=5" i Qual=00 Qual=00 Capeak.c/s=45 Qual=1 FePeak=21:57 FePeak.c/s=10 #Peaks=1 Peak Rast=420"x240" Step=15" Rast=420"x240" Step=15" Rast=420"x240" Step=15" Peak HaClass=SF N17W03 AR5683 Mac.=BX0 Carr.Lon.= Qual=00 Qual=01 Tot Cts=287 Maxkev=102 Rast=30"x30" Step=5" Peak HaClass=SF N17W03 AR5683 Mac.=BX0 Carr.Lon.= Qual=01 Tot Cts=287 Pitch=-207", Yaw=+45", Roll= Peak End times Peak Rast=265"x265" Step=5" Peak Mayelength=1375A Qual=01 Tot Cts=287 Pitch=-207", Yaw=+45", Roll= Peak Mayelength=1375A Peak Rast=265"x265" Step=5" Peak Mayelength=1375A Rast=30"x30" Step=5" Rast=30"x30" Step=5" Peak Rast=265"x265" Step=5" Peak Rast=265"		20:41	20:47		Qual=00 Qual= 3	FePeak=20:38	FePeak.c/s=7	#Peaks=1	dt= 7.7s Cad=1.02s	XEN=925311 1.024s/pixel
DOY=253 Peak End times HaClass=SF N17E01 AR5683 Mac.=BXO Carr.Lon.=.  22:00 22:09 CaPeak.c/s=45 Qual= 1 FePeak=21:57 FePeak.c/s=10 #Peaks=1						Exp #=96113	Rast=30"x30"	Step=5"	Pitch=-151	", Yaw=-23"
DOY=253  DOY=253  SMM Pointing: N18E07  DOY=253  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=253  SMM Pointing: N18E07  DOY=254  Baxelength=1375A  Qual=00  CATT.LON.=  Qual=00  Qual=00  Dot = 280  Dot = 280  Step=15  Rast=30"x30"  Step=15  Rast=420"x240"  Step=15  Rast=30"x30"  Step=5  Avelength=1375A  Maxkev=144  Maxkev=144  Alo/1000 606/390 1415/42 2695/33 4995/38	int # = 2325 09/10,22:00 Start	k0	1							
22:00 22:09 CaPeak.c/s=45 Qual= 1 FePeak=21:57 FePeak.c/s=10 #Peaks=1 Outling: Wavelength=1375A Exp #=96120 Rast=30"x30" Step=15"	ical			.Class=SF	N17E01	AR5683	Mac.=BX0	Carr. Lon.	=/deg	H.Ang≠10aeg
DOY=253 Peak End times HaClass=SF N17W03 AR5683 Mac.=BX0 Carr.Lon.= Qual=00 23:10:32 23:10:46 Peakc/s=41 Qual=01 Tot Cts=287 MaxkeV=102 Wavelength=1375A Exp #=96125 Rast=265"x265" Step=5" DOY=253 Peak End times Qual=00 23:22:17 23:22:42 Peakc/s=39 Qual=01 Tot Cts=418 MaxkeV=144 Wavelength=1375A Exp #=96127 Rast=30"x30" Step=5"  CV(MH2)/Flux(sfu): 410/1000 606/390 1415/42 2695/33 4995/38	S 21:51 P 21:58	22:00	22:09	ak.c/s=45 length=1375A	Qual= 1	FePeak=21:57 Exp #=96120	FePeak.c/s=10 Rast=420"x240" Rast=30"x30"		dt= 3.8s Cad= 459s Pitch=-166"	XEN=925312 1.024s/pixel ",Yaw=-4"
Peak End times  HaClass=SF N17W03 AR5683 Mac.=BX0 Carr.Lon.= Qual=00  23:10:32 23:10:46 Peakc/s=41 Qual=01 Tot Cts=287 MaxkeV=102 Wavelength=1375A Exp #=96125 Rast=265"x265" Step=5"  BOY=253  BOY=253  SMM Pointing: N18E07 Peak End times Qual=00  Qual=00  Qual=00  Qual=01  Qual=01  Tot Cts=287  Rast=265"x265" Step=5" Qual=01  Qual=01  Alweelength=1375A Exp #=96127  Wavelength=1375A Exp #=96127  Rast=30"x30" Step=5"	int # = 120]				N18E07		Pitch=-207", Yaw	/=+45", Roll	=-20deg	H.Ang=13deg
23:10:32 23:10:46 Peakc/s=41 Qual=01 Tot Cts=287 MaxkeV=102  BOY=253  BOY=253  SMM Pointing: N18E07  Peak  Cast=265"x265" Step=5"  BOY=253  Boy=253  Coul=00  Cast=265"x265" Step=5"  Coul=00  Cast=265"x265" Step=5"  Coul=00  Cast=265"x265" Step=5"  Coul=00  Cast=265"x265" Step=5"  Coul=00  Cast=265"x265" Step=5"  Coul=00  Cast=265"x265" Step=5"  Coul=00  Cast=265"x265" Step=5"  Coul=00  Cast=265"x265" Step=5"  Cast=265" Step=5"	Start		End		N17403	AR5683	Mac.=8X0	Carr.Lon.	=10deg	H.Ang∗10deg
D0Y=253  Peak End times  Qual=00  23:22:17 23:22:42 Peakc/s=39 Qual=01 Tot Cts=418 MaxkeV=144  Wavelength=1375A Exp #=96127 Rast=30"x30" Step=5"  V(MHz)/Flux(sfu): 410/1000 606/390 1415/42 2695/33 4995/38	SS 23:09:5 SP 23:15	9 23:10:3	2 23:10:46	Peakc/s=41 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=287 Exp #=96125	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-200",	", Yaw=+57"
Qual=00 23:22:17 23:22:42 Peakc/s=39 Qual=01 Tot Cts=418 MaxkeV=144 Wavelength=1375A Exp #=96127 Rast=30"x30" Step=5" v(MHz)/Flux(sfu): 410/1000 606/390 1415/42 2695/33 4995/38	ent # = 120 /09/10,23:22	18 2 DOY=253	Fnd +		N18E07		Pitch=-207", Yaw	r=+45",Roll	20deg	H.Ang=13deg
	3.44 t. 23.21:: SP 23:18 dio Freque	1   23:22:1   1   23:22:1	•	Peakc/s=39 Wavelength=1375A 410/1000 606/390	ual=00 ual=01 415/42	Tot Cts=418 Exp #=96127 2695/33 4995/38	_	Step=5"	Pitch=-143",Yaw=-45	", Yaw=-45"

23:23:45 23:25:36 Peakc/s-51 Qual-00 D07-253 Wavelength-1375A Wavelength-1375A Wavelength-1375A Wavelength-1375A Wavelength-1375A Wavelength-1375A Wavelength-1375A Wavelength-1375A Wavelength-1375A Wavelength-1375A Wavelength-2788A  End times Wavelength-2788A  End times Wavelength-2788A  Febrak-0.545  Wavelength-2788A  Febrak-0.545  Wavelength-2788A  Febrak-0.545  Wavelength-2788A  Febrak-0.545  Wavelength-2788A  Febrak-0.545  Wavelength-2788A  Febrak-0.545  Wavelength-2788A  Febrak-0.101  Rastel80"x1" R	Event # = 12019 89/09/10,23:23 Start	19 3 DOY=253 Peak	Fnd + imps	SMM Pointing:	N18E07		Pitch=-207", Yaw=+45", Roll=-20deg	w=+45", Roll	1=-20deg	H.Ang=13deg
DOY-253  13.33  13.33  13.34  13.35	GOES HXRBS 23:22:9 UVSP 23:18 Radio Freque	51 23:23:4! incy(MHz)/F	وب اد	Peakc/s=51 Wavelength=1375A 8800/27	Qual≈00 Qual=01	Tot Cts=1359 Exp #=96127	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-143	", Yaw=-45"
23:32 23:39 Importance=C9 qual=01	Event # = 1202 89/09/10,23:33 Start	20 1 DOY=253 Peak	Fad	1	N18E07		Pitch=-207", Yaw	v=+45", Roll	=-20deg	H.Ang=13deg
DOY=253	GOES 23:27 HXRBS 23:27:3 BCS 23:13	23:33 23:38:2 23:32	23:39 23:30:17 23:53	Importance=C9 Peakc/s=96 CaPeak.c/s=187	Qual=01 Qual=01 Qual= 4	Tot Cts=2020 FePeak=23:30	MaxkeV=144 FePeak.c/s=35			XEN=925313
DOY=253  DOY=253  Each times  By 09/11 DOY=254  Exp #=96134  BaxkeV=102  By 09/11 DOY=254  Exp #=96134  BaxkeV=102  By 09/11 DOY=254  Exp #=96134  BaxkeV=102  BaxkeV=106  Bax		ıncy (MHz)/F	·]ux(sfu):	Wavelength=1375A 245/880 410/390 (	Code=00 606/240 1	Exp #=96129 415/41 8800/23	Kast=180"x180" Rast=30"x30"			1.024s/pixel ",Yaw=-47"
23:57:44 23:57:58 PeakC/s=36 Qual=01	Event # = 1202 89/09/10,23:57 Start	i		Pointing	N18E07		Pitch=-207", Yaw	r=+45", Roll	=-20deg	H.Ang=13deg
DOY=254  Feak End times  HaClass=SF Oual=04  CaPeak.c/s=23  Ousl=05  Ousl=05  Havelength=2788A  Exp #=96136  Mac.=CAO  Carr.Lon.=7deg  Ousl=01  Ousl=04  Capeak.c/s=7  Fepeak.c/s=7  Rast=180"x1"  Rac.=CAO  Carr.Lon.=7deg  Cad=1.02s  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=8  Fepeak-01:01  Fepeak.c/s=7  Fepeak.c/s=8  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=7  Fepeak.c/s=8  Fepeak.c/s=9  Fepeak.c/s=8  Fepeak.c/s=9  Fepea	GOES HXRBS 23:57:2 UVSP 00:00		23:5	c/s=36 length=2788A	Qual=00 Qual=01	Tot Cts=173 Exp #=96134		Step=0"	Pitch=-70"	, Yaw=-32"
DOY=254 End times HaClass=SF N17W01 AR5683 Mac.=CAO Carr.Lon.=7deg 01:01 01:04 CaPeak.c/s=23 Qual= 01:01  DOY=254 End times  Havelength=2788A Exp #=96135 Rast=180"x1" Step=0" Cad=1.02s  Mavelength=2788A FePeak=04:26 FePeak.c/s=8 #Peaks=1 dt= 7.7s  Mavelength=2788A FePeak=10:24 Qual=01  DOY=254 End times  Havelength=2788A Exp #=96140 Rast=180"x1" Step=0" Pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-56", pitch=-69"  Havelength=1375A Exp #=96158 Rast=10"x10" Step=0" Pitch=-109s  Rast=10"x10" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Pitch=-56", pitch=-169"  Rast=180"x1" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Pitch=-56", pitch=-169"  Rast=10"x10" Step=0" Pitch=-169"	8 7				89/09/1					
01:01 01:04 CaPeak.c/s=23 Qual=00 01:01 01:04 CaPeak.c/s=23 Qual=01 01:04 CaPeak.c/s=23 Qual=01 00:25 10:29 CaPeak.c/s=23 Qual=01 01:01 01:04 CaPeak.c/s=23 Qual=01 00:05 10:29 CaPeak.c/s=24 Qual=01 01:01 01:04 CaPeak.c/s=23 Qual=01 01:01 01:04 CaPeak.c/s=23 Qual=01 01:01 01:04 CaPeak.c/s=23 Qual=01 01:01 01:04 CaPeak.c/s=24 Qual=01 01:01 01:04 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:01 01:04 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=24 Qual=01 01:05 10:29 CaPeak.c/s=01 01:05 10	Event # = 2325 89/09/11,01:01 Start Optical	<sup>6</sup> D0Y=254 Peak	End times	Class=SF	NIZWOI	AR5683	Mac.=CAO	Carr. Lon.	=7deg	H.Ang=10deg
DOY=254  Peak End times  HaClass=SF N17W04 AR5683 Mac.=CAO Carr.Lon.=8deg  O4:27 04:29 CaPeak.c/s=23 Qual=01  Mavelength=2788A End times  Qual=01  O2:25 10:29 CaPeak.c/s=24 Qual=01  D0Y=254 Qual=01  Exp #=96135 Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Cad=1.02s Rast=180"x1" Step=0" Pitch=-56", Pitch=-56", Pitch=-56", Pitch=-102s Rast=180"x1" Step=0" Cad=1.02s Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s Cad=1.02s Rast=0"x0" Step=0" Pitch=-169"	SCS 01:01	01:01	01:04		(ua)=00 (ua)≈ 4	FePeak=01:01	FePeak.c/s=7	#Peaks=1	7.7s	XEN=925400
DOY=254  Peak End times  HaClass=SF Oual=00  04:27 04:29 CaPeak.c/s=23 Qual= 4  Exp #=96140  Peak End times  Qual=01  10:25 10:29  CaPeak.c/s=24 Qual=01  Exp #=96158  Rac.=CA0  Carr.Lon.=8deg  #Peaks=1 dt= 7.7s  Step=0"  Step=0"  Pitch=-56",  Rast=180"x1"  Step=0"  Qual=1.02s  Rast=0"x0"  Step=0"  Step=0"  Pitch=-169"  Step=0"  Pitch=-169"	USP 00:35					Exp #=96135	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=1.02s Pitch=-69"	1.024s/pixel, Yaw=-37
04:27 04:29 CaPeak.c/s=23 Qual=04 FePeak=04:26 FePeak.c/s=8 #Peaks=1 dt=7.7s  Mavelength=2788A Exp #=96140 Rast=180"x1" Step=0" Cad=1.02s  D0Y=254 End times  Qual=01 FePeak=10:24 FePeak.c/s=7 #Peaks=1 dt=7.7s  Rast=180"x1" Step=0" Cad=1.02s  Rast=180"x1" Step=0" Cad=1.02s  Mavelength=1375A Exp #=96158 Rast=10"x10" Step=0" Pitch=-169"	<pre>ivent # = 2325 ig/09/11,04:27     Start ptical</pre>		times	.Class=SF	N17W04	AR5683	Mac.=CA0	Carr, Lon.	#8dea	H. Ang=13deo
Mavelength=2788A Exp #=96140 Rast=0"x0" Step=0" Cad=1.02s D07=254 End times Qual=01 FePeak:0.5=7 #Peaks=1 dt= 7.7s Mavelength=1375A Exp #=96158 Rast=10"x10" Step=0" Cad=1.02s Rast=0"x0" Step=0" Cad=1.02s #Rast=0"x0" Step=0" Cad=1.02s	OES ICS 04:26	04:27	:29	ak.c/s=23	Qua]=00 Qua]= 4	FePeak=04:26	FePeak.c/s=8		dt= 7.7s	XEN=925401
D0Y=254 Peak End times Qual=01 Qual=01 10:25 10:29 CaPeak.c/s=24 Qual= 1 FePeak=10:24 FePeak.c/s=7 #Peaks=1 dt= 7.7s Rast=0"x0" Step=0" Cad=1.02s Wavelength=1375A Exp #=96158 Rast=10"x10" Step=0" Pitch=-169"	USP 04:33			Wavelength=2788A		Exp #=96140	Rast=0"x0" Rast=180"x1"		Cad=1.02s Pitch=-56",	1.024s/pixel, Yaw=-69
10:23 10:25 10:29	<pre>ivent # = 2325 89/09/11,10:25 Start sec</pre>	8 D0Y=254 Peak	End times							
10:15 Kast=0"x0" Step=0" Cad=1.02s Havelength=1375A Exp #=96158 Rast=10"x10" Step=0" Pitch=-169"		10:25			(ual=01 (ual= 1	FePeak=10:24	FePeak, c/s=7		dt= 7.7s	XEN=925402
			_			Exp #=96158	Kast=0"x0" Rast=10"x10"		Cad=1.02s Pitch=-169"	1.024s/pixel ',Yaw=-19"

Event # = 12022 89/09/11,10:37 (	DOY=254	Fnd times	SMM Pointing:	N18E01		Pitch≖-174",Yaw	, Yaw=-42", Roll=-20deg	20deg	H.Ang=11deg
10:36:53 10:30	10:36 10:36 10:30	,	Peakc/s=63 Wavelength=1375A	Qual≖00 Qual=01	Tot Cts=561 Exp #=96160	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=-168",Yaw=-11"	", Yaw=-11"
Event # = 12606 89/09/11,11:38 Start	D0Y=254 Peak	End times	SMM Pointing:	N18W00		Pitch=-170", Yaw	, Yaw=-54", Roll=-20deg	=-20deg	H.Ang=11deg
11:38:19 11:35	11:38:34	11:38:19 11:38:34 11:38:54 11:35	Peakc/s=84 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=638 Exp #=96165	MaxkeV=188 Rast=10"×10"	Flags=I Step=0"	Pitch=-105'	Pitch=-105", Yaw=-170"
Event # = 12607 89/09/11,11:45 Start	D0Y=254 Peak	End times	SMM Pointing:	N18W00		Pitch=-170", Yaw=-54", Roll=-20deg	v=-54", Roll	=-20deg	H.Ang=11deg
11:44:48 11:35 Frequen	1:44:48 11:45:51 11:49:29 1:35 Frequency(MHz)/Flux(sfu):	)	Peakc/s=107 Wavelength=1375A 245/650 1415/66 2	Qual=06 Qual=01 2695/55	Tot Cts=21805 Exp #=96165	MaxkeV=188 Rast=10"x10"	Flags=I Step=0"	Pitch=-105'	Pitch=-105",Yaw=-170"
Event # = 12608 89/09/11,13:49 Start	DOY=254 Peak	End times	SMM Pointing:	N18W01		Pitch=-163", Yaw	, Yaw=-68", Roll=-20deg	=-20deg	H.Ang≖11deg
13:40:00 13:27	13:40:00 13:40:35 13:27 13:49	13:41:25 13:51	Peakc/s=46 CaPeak.c/s=52	Qual=00 Qual=01 Qual= 1	Tot Cts=858 FePeak=13:48	MaxkeV=102 FePeak.c/s=16	Flags=I #Peaks=2		XEN=925403
13:46			Wavelength=2788A		Exp #=96172	kast=180"x180" Rast=180"x1"		cad= 3328 Pitch=-29"	1.0245/pixel ,Yaw≖-144"
Event # = 23259 89/09/11,13:49 Start Optical	D0Y=254 Peak	End times	HaClass=SF	N16W08	AR5683	Mac.=CAO	Carr.Lon.=7deg	=7deg	H.Ang=12deg
13:27 13:46	13:49	13:51	CaPeak.c/s=52 Wavelength=2788A	Qual≖00 Qual≖ 1	FePeak=13:48 Exp #=96172	FePeak.c/s=16 Rast=180"x180" Rast=180"x1"	#Peaks=2 Step=10" Step=0"	dt= 7.7s Cad= 332s Pitch=-29"	XEN=925403 1.024s/pixel ,Yaw=-144"
Event # = 12023 89/09/11,14:29	D0Y=254		SMM Pointing:	N19E03		Pitch=-199", Yaw=-24", Roll=-20deg	w=-24", Roll	=-20deg	H.Ang=12deg
start 14:29:10 14:23 Weeps Frequen	reak 14:29:25 Type/I cy(MHz)/F	Start Feak End Limes 14:29:10 14:29:25 14:29:35 14:23 Type/Intensity: Frequency(MHz)/Flux(sfu):	Peakc/s=56 ( Wavelength=2788A III/2 410/98	Qual=00 Qual=01	Tot Cts=445 Exp #=96173	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-65",Yaw=-93"	, Yaw=-93"

g H.Ang=12deg	g H.Ang=12deg	000		840s 3840s/pixel =-144",Yaw≃-105"		J H.Ang=12deg	H.Ang=16deg	85", Yaw=-90"	y H.Ang=12deg	Pitch=-140",Yaw≖-134"	H.Ang=12deg	Pitch=-140", Yaw=-134"	H.Ang=12deg	140", Yaw=-134"	H.Ang*12deg	H.Ang=79deg	
', Yaw=-61", Roll=-20deg	Carr.Lon.=358deg	Flags=M5,ES		Step=0" Step=0"	8800/540 15400/380	', Yaw=-73", Roll=-20deg	Carr.Lon.=8deg	Flags=EG,ND "Step=0" Pitch=-85"	, Yaw=-87", Roll=-20deg	Flags=M5 Step=5"	, Yaw=-87", Roll=-20deg	Step=5"	, Yaw=-87", Roll=-20deg	" Step=5" Pitch=-140"	, Yaw=-98", Roll=-20deg	Carr.Lon.⇒70deg	Flags=M5
Pitch=-181"	Mac.=FKI	-5 MaxkeV=860	FePeak.c/s=1232	Kast=0"x0" Rast=10"x10"	,/480 4995/550	Pitch=-180"	Mac.=CAO	MaxkeV=102 Rast=10"x10"	Pitch=-176"	MaxkeV=144 Rast=30"x30"	Pitch=-176", Yaw=-87",	MaxkeV=144 Rast=30"x30"	Pitch=-176"	MaxkeV=102 Rast=30"x30"	Pitch=-172"	Mac.=FKI	MaxkeV=275
	AR5680	Tot Cts=3.86E+5	FePeak=19:41	Exp #=96185	14000 410/960 606/1900 1415/510 2695/480 4995/550		AR5683	Tot Cts=9125 Exp #=96192		Tot Cts=153 Exp #=96203		Tot Cts=314 Exp #=96203		Tot Cts=87 Exp #=96203		AR5669	Qual=01 Tot Cts=96698
N19W00	N19W02		Qual= 2	Code=00	0 606/190	N19W00	N17W13	Qual=03 Qual=03 Code=00	N19W01	Qual=00 Qual=01	N19W01	Qual=00 Qual=01	N19401	Qual=00 Qual=01	N19W02	\$20W76	Qual=01
SMM Pointing:	HaClass=28	Peakc/s=10760	CaPeak.c/s=2785	Wavelength=1375A Code=00	245/14000 410/96	SMM Pointing:	HaClass=SF	Peakc/s=65 Wavelength=1375A	SMM Pointing:	Peakc/s=59 Wavelength=1375A 410/1200	SMM Pointing:	Peakc/s=58 Wavelength=1375A 410/250	SMM Pointing:	Peakc/s=45 Wavelength=1375A	SMM Pointing:	HaClass=1N	-
2024 :43 D0Y=254 	19.43 19.56	19:38:29 19:40:08 19:42:35 19:39:00	19:41 19:43	19:41 Tyne/Intensity:	quency (MHz)/Flux(sfu):	2025 :10 D0Y=254 End +imes	23:10 21:25	:05 20:58:18 21:00:54	2026 :42	22:42:52 22:4 y(MHz)/Flux(s	DOY=254	U	2028 :48 D0Y=254	22:48:37 22:4	DOY=254	23.50 00.18	23:41:33 23:45:56 23:55:02
Event # = 12024 89/09/11,19:43	Optical 60FS 19:30	HXRBS 19:30 GRS 19:30				Event # = 12025 89/09/11,21:10	Optical Coff	HXRBS 20:57: UVSP 21:00	Event # = 12026 89/09/11,22:42	GOES HXRBS 22:42 UVSP 22:40 Radio Freq	Event # = 12027 89/09/11,22:47	GOES HXRBS 22:47 UVSP 22:40 Radio Freq	Event # = 12028 89/09/11,22:48	GOES 3281 C HXRBS 22:48:30 UVSP 22:40	Event # = 12029 89/09/11,23:50	Optical GAFS 23.41	HXRBS 23:41

89/09/12 D0Y=255 SMM Pointing: N19W02 Pitch=-172",Yaw=-98",Roll=-20deg H.Ang=12deg	/3 = £	SMM Pointing: N19W04 Pitch=-164", Yaw=-125", Roll=-20deg H.Ang=12deg Peakc/s=50 Qual=01 Tot Cts=336 MaxkeV=102 Wavelength=2788A Exp #=96211 Rast=180"x1" Step=0" Pitch=-26", Yaw=-200"	SMM Pointing: N19W05 Pitch=-158", Yaw=-135", Roll=-20deg H.Ang=13deg Peakc/s=40 Qual=01 Tot Cts=524 MaxkeV=102 Wavelength=2788A Exp #=96212 Rast=180"x1" Step=0" Pitch=-25", Yaw=-205"	SMM Pointing: N19W05 Pitch=-158",Yaw=-135",Roll=-20deg H.Ang=13deg  Qual=01	SMM Pointing: N19W05 Pitch=-158", Yaw=-135", Roll=-20deg H.Ang=13deg HaClass=SF S18W79 AR5669 Mac.=FKI Carr.Lon.=70deg H.Ang=82deg Importance=M3 Qual=03 Tot Cts=1.03E+6 MaxkeV=321 Flags=IN, EG Wavelength=2788A Code=00 Exp #=96213 Rast=180"x1" Step=0" Pitch=-22", Yaw=-212" 1415/56 2695/180 4995/89 8800/96 15400/30	HaClass=2N N17E13 AR5686 Mac.=CR0 Carr.Lon.=335deg H.Ang=16deg Importance=M7 Qual=05 Capeak.c/s=11 #Peaks=1 dt= 7.7s XEN=925500 CaPeak.c/s=31 Qual= 5 FePeak=10:27 FePeak.c/s=11 #Peaks=1 dt= 7.7s XEN=925500 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel Mavelength=1375A Exp #=96239 Rast=265"x265" Step=5" Pitch=-133", Yaw=-173"	89/09/13 DOY=256 Bi+ch=-101" Yaw=-307" Roll=-20deg H.Ang=20deg
Event # = 12030 89/09/12.00:31 DOY=255	<pre>Peak</pre>	Event # = 12031 89/09/12,03:38	Event # = 12032 89/09/12,04:36 D0Y=255 Start Peak End times GOES HXRBS 04:35:49 04:36:29 04:37:23 UVSP 04:11	Event # = 12033 89/09/12,04:46 DOY=255 Start Peak End times GOES HXRBS 04:45:11 04:46:12 04:48:07 UVSP 05:05	Event # = 12034 89/09/12,05:19	Event # = 23260 89/09/12_10:12	Event # = 12035 89/09/13,02:10 D0Y=256

Optical Optical GOES 03:30 03:40 04:40 HXRBS 03:30:19 03:34:24 03:44:0 UVSP 03:39 Radio Frequency(MHz)/Flux(sfu) Event # = 12037 89/09/13,06:50 D0Y=256 Start Peak End tim						60.00		Barra Barra
.000 √13 °00	04.40		N16E06 N21E12	AR5686 AR5687	Mac.=CSO	Carr.Lon.=333deg Carr.Lon.=327deg		H.Ang=11deg H.Ang=18deg
# = 12037 /13,06:50 Start	4:24 03:44:01 z)/Flux(sfu):	Peakc/s=903 0 Wavelength=1375A C 245/3500 1415/180	Qual=01 Qual=01 Code=00 0 2695/450	Mal=01	MaxkeV=275 Rast=10"x10" 150 15400/91	Flags=M5 Step=0"	Pitch=+372",Yaw=-398	', Yaw=-398"
SEC	256 End times	SMM Pointing:	S21W23		Pitch=+534", Yaw=-174", Roll=-20deg	1W=-174", Roll	]=-20deg	H.Ang=36deg
HXRBS 06:50:29 06:50:43 UVSP 07:08	0:43 06:50:56	Peakc/s=38 Wavelength=2788A	Qua]=06 Qua]=01	Tot Cts=174 Exp #=96322	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+670"	, Yaw=+5"
Event # = 12038 89/09/13,08:37 DOY=256 Start Peak	256 Fnd times	SMM Pointing:	S21W24		Pitch=+537", Ya	, Yaw=-186", Roll=-20deg	I=-20deg	H.Ang=36deg
38:28	8		N26W42	AR5676	Mac.=EA0	Carr.Lon.=18deg	=18deg	H.Ang=44deg
HXRBS 08:28:18 08:29:38 UVSP 08:41	9:38 08:34:28	Peakc/s=98 Wavelength=2788A	Qual=01 Qual=01 Code=02	Tot Cts=8750 Exp #=96324	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+673"	, Yaw=-7"
Event # = 12040 89/09/13,12:31 DOY=256 Start Peak	256 Fnd times	SMM Pointing:	S21W26		Pitch=+547", Yaw=-220", Roll=-20deg	IW=-220", Roll		H.Ang=38deg
S 12:30:40 P 12:22	1:07 12:32:06	Peakc/s=90 Wavelength=2788	Qual=01 Qual=01	Tot Cts=1810 Exp #=96329	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+681"	Yaw=34"
HXRBS 12:28:47 12:29	12:29:34 12:29:59	Peakc/s=51	Associated Qual=02	Event # = 12039 Tot Cts=686		. ≠		
Event # = 12041 89/09/13,13:05 D0Y=256 Start Peak	256 End times	SMM Pointing:	S21W26		Pitch=+547",Ya	,Yaw=-220",Roll=-20deg		H.Ang=38deg
m	13:0	Peakc/s=39 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=106 Exp #=96330	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+683",Yaw=-41	, Yaw=-41"
1904			89/09/14	D0Y=257				
89/09/14,07:07 DOY=257 Start Peak	57 End times	SMM Pointing:	S21W36		Pitch=+583",Ya	, Yaw≖-348", Roll=-20deg		H.Ang=45deg
tical ES 06:58 07:07	07:38	HaClass=1N Importance=M2	N15W39 0ual=01	AR5683	Mac.=DKI	Carr.Lon.=2deg		H.Ang≖39deg
HXRBS 06:58:31 06:59:56 UVSP 06:45 Radio Sweeps Type/In	~	3 88A	Qual=13 Code=01	Tot Cts=66265   Exp #=96396	MaxkeV=420 Rast=180"x1"	Flags=EG, D Step=0"	Flags=EG,DG Step=0" Pitch=+717",Yaw=-162"	, Yaw=-162"
Radio Frequency(MHZ)/Flux(sfu)		245/92 1415/50 26	95/62 499!	1415/50 2695/62 4995/350 8800/980 1	15400/980			

Pitch=+587", Yaw=-363", Roll=-20deg H.Ang=46deg	MaxkeV=102 Rast=180"x1" Step=0" Pitch=+724",Yaw=-188"	Pitch=+592", Yaw=-384", Roll*-20deg H.Ang-48deg	Mac.=AXX Carr.Lon.=284deg H.Ang=39deg	MaxkeV=102 Rast=180"x1" Step=0" Pitch=+727",Yaw=-202"	Pitch=-37", Yaw=-649", Roll=-20deg H.Ang=43deg	MaxkeV=102 Rast=265"x265" Step=5" Pitch=-30",Yaw=-636"		Pitch=+46", Yaw=-717", Roll=-20deg H.Ang=49deg	MaxkeV=102 Rast=180"x1" Step=0" Pitch=+180",Yaw=-530"	Pitch=+52", Yaw=-751", Roll=-20deg H.Ang=52deg	Carr.Lon.=351deg H.Ang=46deg	MaxkeV=102 Flags=I Rast=180"x1" Step=0" Pitch=+187",Yaw=-564"	Pitch=+52", Yaw=-751", Roll=-20deg H.Ang=52deg		MaxkeV=144 Flags=I	Pitch=+56", Yaw=-771", Roll=-20deg H.Ang=54deg	
	Cts=126 #=96401	The state of the s	AR5694	Cts=106 #=96404		Cts=531 #=96411	D0Y=258		Cts=150 #=96476		AR5697	Cts=239 #=96484		Tot Cts=707 Exp #=96485 Event # = 12611	cts=292		C+s=220
	Tot Exp			Tot Exp		Tot Exp			Tot Exp			Tot Exp		Tot Exp	Tot		
S21W37	Qual=00 Qual=01	S21W39	N27E36	Qua]=00 Qua]=01	N21W42	Qual=01 Qual=01 Code=02	89/09/15	N17W49	Qual=06 Qual=01	N17W52	N27W44	Qual=00 Qual=01	N17W52	Qual=01 Qual=01 8A Code=02 Associated	0ual=0	N17W54	Qua   ±01
SMM Pointing:	Peakc/s=37 Wavelength=2788A	SMM Pointing:	HaClass=SF	Peakc/s=42 Wavelength=2788A	SMM Pointing:	Importance=C4 Peakc/s=59 Wavelength=1375A		SMM Pointing:	Peakc/s=40 Wavelength=2788A 245/190	SMM Pointing:	HaClass=SF	Peakc/s=36 Wavelength=2788A III/1	SMM Pointing:	Importance=C4 Peakc/s=48 Wavelength=2786	Peakc/s≖51	SMM Pointing:	69-5/5 1000
4 4 7			End times	13:05:12		End times 17:45 17:39:17		Cod +impe	06:11:55 lux(sfu):	1	End times	12:18:43 ntensity:		12:47 12:47 12:40	12:43:32	End times	£7.76.74
D0Y=257	reak 10:02:14	D0Y=257		13:05:05	D0Y=257	Peak 17:41 17:38:34		DOY=258	Lait Fean Ein Cill 6:11:21 06:11:30 06:11:5 5:43 Frequency(MHz)/Flux(sfu)	D0Y=258	Peak	12:18:26 12:1 Type/Intens	D0Y=258	reak 12:41 12:39	12:43:08	D0Y=258 Peak	C
Event # = 12043 89/09/14,10:02	Start 10:01:58 10:44	# = 12044 14,13:05	Start	13:04:45 12:53	# = 12045 $14, 17:41$	Start GOES 17:38 HXRBS 17:38:25 UVSP 17:41		Event # = 12046 89/09/15,06:11	3tart 06:11:21 05:43 Frequence	Event # = 12609 89/09/15,12:18	Start 1]	12:18:06 11:51 Sweeps	1 -	3222	12:42:54	# = 12047 /15,16:35 Start	0.00
Event 89/09/	GOES HXRBS UVSP	Event # = 89/09/14,	Optica	GOES HXRBS UVSP	Event 89/09/	GOES HXRBS UVSP		Event 89/09/	GOES HXRBS UVSP Radio	Event 89/09/	Optica	GOES HXRBS UVSP Radio Sv	Event 89/09/	GOES HXRBS UVSP	HXRBS	Event 89/09/	GOES

																1		
	H.Ang=34deg	XEN=925800	1.024s/plxel ,Yaw=-783"	H.Ang=57deg	H.Ang=25deg	XEN=925801	1.024s/pixel ,Yaw=-885"		H.Ang=59deg	H.Ang=33deg	XEN=925900	1.024s/pixel ,Yaw=-887"	20 F (3 - 5 a V )	XEN=925901	1.024s/pixel Yaw=-805"	H. Ang=53deg	XEN=925902	1.024s/pixel ,Yaw=-903"
	.=337deg	dt= 7.7s	Lad= 2528 Pitch=+68"	, Roll=-20deg	.=323deg		Cad= 262s Pitch=+81"		=-20deg	.=332deg	dt= 7.7s	Cad= 262s Pitch=+87"	79 PO PC #	-3-5-cy dt= 7.7s	Cad= 262s Pitch=+71",	=352deg	dt= 7.7s	Cad= 262s Pitch=+73",
	Carr.Lon.=337deg		Step=15 Step=5"	, Yaw=-803", Rol	Carr.Lon.=323deg		Step=15" Step=5"		, Yaw=-813", Roll=-20deg	Carr.Lon.=332deg		Step=15" Step=5"	solotos no med		Step=15" Step=5"	Carr.Lon.=352deg		Step=15" Step=0"
	Mac.=DAO	FePeak.c/s=6	Rast=240 x240" Rast=265"x265"	Pitch=+62", Yaw	Mac.=DAI	MaxkeV=144 FePeak.c/s=11	kast=240"x240" Rast=30"x30"		Pitch=+63", Yaw	Mac.=DAI	MaxkeV=102 FePeak.c/s=11	Rast=240"x240" Rast=30"x30"	000 new	FePeak.c/s=7	Rast=240"x240" Rast=265"x265"	Mac.=DAO	FePeak.c/s=6	Rast=240"x240" Rast=10"x10"
	AR5686	FePeak=21:07	Exp #=96511		AR5687	Tot Cts=1732 FePeak=23:15	Exp #=96528	.6 D0Y=259		AR5686	Tot Cts=1318 FePeak=00:56	Exp #=96537	AD5637	FePeak=01:48	Exp #=96538	AR5697	FePeak=02:20	Exp #=96544
	N15W34	Qual= 5	_	N17W58	N20W22	Qual=01 Qual= 2	Code=01	89/09/16	N17W59	N18W32	Qual=00 Qual=01 Qual= 1		N3OHAQ	Qual=00 Qual= 1		N29W52	Qual=00 Qual= 4	
	HaClass=SF	CaPeak.c/s=19	Wavelength=1375A	SMM Pointing:	HaClass=1F	Peak(>=44 CaPeak.c/s=81	Wavelength=1375A II/1 IV/1 V/2		SMM Pointing:	HaClass=SF	Peakc/s=65 CaPeak.c/s=60	Wavelength=1375A	Ha() Jacs=SF	CaPeak.c/s=29	Wavelength=1375A	HaClass=SF	CaPeak.c/s=18	Wavelength=1375A
End times	21:12	21:10		Fnd +imes	00.55	22:51:26 23:26	Type/Intensity:		4 	בוות רווונס	00:55:03 00:55:28 00:57 01:04		End times	01:58		End times	02:22	
DOY=258 Peak	20:58	21:07		DOY=258	23.34	22:49:19 23:19	Type/I		DOY=259	Y Cak	00:55:03 00:57		D0Y=259 Peak	01:48		DOY=259 Peak	02:20	
Event # = 23261 89/09/15,20:58 Start	a] 20:53	21:07	21:11	Event # = 12072 89/09/15,23:34 Start	a] 22-37	22:45:17 22:40	23:20 Sweeps	- The second sec	Event # = 12048 89/09/16,00:57	3 tal t	00:54:09 00:11	00:53	Event # = 23262 89/09/16,01:48 Start Optical	01:47	01:47	= 23263 6,02:20 Start	02:20	02:18
Event 89/09	Optic GOES	BCS	UVSP	Event 89/09	Optic GOFS	HXRBS BCS FCS	UVSP Radio		Event 89/09	Optic	ECS BCS BCS	UVSP	Event 89/09, Optical	GÓES BCS	UVSP	Event 89/09, Optica	BCS	UVSP

Event 89/09/ Optica	Event # = 23264 89/09/16,07:54 Start Optical	DOY=	mes	HaClass=SF	NIZW3Z	AR5686	Mac.=DAI	Carr.Lon.=334deg	=334deg	H.Ang=37deg
858 878 878	07:50 07:51	07:54 07:53	08:00 07:59	Importance=U3 CaPeak.c/s=30	Qual=04 Qual= 5	FePeak=07:51	FePeak.c/s=10	#Peaks=1	dt= 7.7s Cad= 262s	XEN=925903
UVSP	07:43			Wavelength=2788A	Code=00	Exp #=96553	Rast=180"x1"	Step=0"		", Yaw=-658"
Event 89/09/	Event # = 12049 89/09/16,08:37	DOY=259	Fod + impe	SMM Pointing:	N17463		Pitch=+66", Yaw=-840", Roll=-20deg	840", Roll	=-20deg	H.Ang=62deg
GOES HXRBS UVSP	08:37:22 08:37	08:37:29	08:37:22 08:37:29 08:37:36 08:37	Peakc/s=57 Wavelength=2788A	Qual=03 Qual=01	Tot Cts=117 Exp #=96554	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+201"	", Yaw=-661"
Event 89/09/	Event # = 12050 89/09/16,10:01	DOY=259	End +imes	SMM Pointing:	N17W64		Pitch=+67", Yaw=	, Yaw=-850", Roll=-20deg	=-20deg	H.Ang=63deg
GOES HXRBS UVSP	10:01:31 1	10:01:48	10:01:48 10:02:15	Peakc/s=42 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=257 Exp #=96556	MaxkeV=144 Rast=180"x1"	Step≈0"	Pitch=+202"	", Yaw=-667"
Event 89/09/	Event # = 12051 89/09/16,11:35 Start	D0Y=259	Fnd times	SMM Pointing:	N17W64		Pitch=+67", Yaw=	, Yaw=-850", Roll=-20deg	=-20deg	H.Ang=63deg
GOES HXRBS UVSP	11:34:10 1	11:35:02	11:3	Peakc/s=172 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=1351 Exp #=96558	MaxkeV=144 Rast=180"x1"	Step=0"	Pitch=+202"	", Үам=-673"
Event 89/09/	Event # = 12052 89/09/16,13:12	DOY=259	Fnd + imac	SMM Pointing:	N17W66		Pitch=+69", Yaw≔	, Yaw=-861", Roll	, Roll=-20deg	H.Ang=65deg
GOES HXRBS UVSP	13:11:19 13:13	13:12:53	13:1	Peakc/s=48 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1516 Exp #=96560	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+203"	", Yaw=-679"
Event 89/09/	Event # = 12053 89/09/16,13:18 Start	D0Y=259 Peak	End times	SMM Pointing:	N17W66		Pitch=+69", Yaw	, Yaw=-861", Roll=-20deg	=-20deg	H.Ang=65deg
GOES HXRBS UVSP	13:17:58 13:13	13:18:11	13:1	Peakc/s=42 Wavelength≖2788A	Qual=00 Qual=01	Tot Cts=127 Exp #=96560	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+203"	", Yaw=-679"
Event 89/09/	Event # = 12612 89/09/16,14:06 Start	DOY=259	Fnd times	SMM Pointing:	N26E07		Pitch=-327", Yaw=-6"	W=-6", Roll=	, Roll=-20deg	H.Ang=20deg
GOES HXRBS UVSP	14:06:28 13:50	14:06:36	14:06:36 14:06:57	Peakc/s=49 Wavelength=2788A	Qual=06 Qual=01	Tot Cts=332 Exp #=96561	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-193"	i", Yaw≖+185"

15:33:36   15:33:56   Peakc/s-61   Qual-10   Tot Cts-449   MaxkeV-102   Flags=1   Pitch=-189°   Pitch=-180°   Pitch=-189°   Pitch=-180°	Event # = 12613 89/09/16,15:33	3 00Y=259		SMM Pointing:	N26E06			Pitch=-322", Yaw=-18", Roll=-20deg	18", Roll	≖-20deg	H. Ang=20deg
15:33:36 15:33:56 PeakC/s-61	Start Optical	r e a	End times	На	N17W35	•	4R5687	Mac.=EAI	Carr.Lon.	=327deg	H.Ang=36deg
18:50:38   18:51:18	15:33:1 15:22	7 15	15:33:5	Peakc/s=61 Wavelength=2788A	Qual=00 Qual=01	Tot Exp	Cts=449 #=96563	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-189	", Yaw=+168"
18:52		D0Y=25	1	Pointing	N26E05	r and a second		Pitch=-314", Yaw	=-41", Roll	=-20deg	H.Ang=19deg
18:55:38 18:51:18	`~	, c	18.54	HaClass=SF	N17W38	_	4R5686	Mac.=DAI	Carr.Lon.	=329deg	H.Ang=38deg
DOY-259  21:51:45 21:52:26 Peakc/s=50 Qual=01  21:51:45 21:52:26 Peakc/s=50 Qual=01  22:51:45 21:52:26 Peakc/s=60 Qual=01  23:51:45 21:52:26 Peakc/s=60 Qual=01  24:10:50 Coli 12:00 Peakc/s=60 Qual=01  25:50 Coli 12:00 Peakc/s=60 Qual=01  26:50 Coli 12:00 Peakc/s=60 Qual=01  27:50 Coli 12:00 Peakc/s=60 Qual=01  28:50 Coli 12:00 Peakc/s=60 Qual=01  28:50 Coli 12:00 Peakc/s=60 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Coli 12:00 Peakc/s=60  28:50 Coli 12:00 Peakc/s=60  28:50 Coli 12:00 Peakc/s=60  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  28:50 Qual=01  28:50 Coli 12:00 Peakc/s=60  38:50 Coli 12:00 Peakc/s=60  58:50 Coli 12:00 Peakc/s=60  58:50 Coli 12:00 Peakc/s=60  58:50 Coli 12:00 Peakc/s=60  58:50 Coli 12:00 Peakc/s=60  58:50 Coli 12:00 Peakc/s=60  58:50 Coli 12:00 Peakc/s=60  58:50 Coli 12:00 Peak	18:50:2 18:52 18:52	18:50:	18:51:1	Peakc/s=310 Wavelength=1375A	Qual=01 Qual=01 Code=02	Tot Exp	Cts=1793 ∮=96579	MaxkeV=188 Rast=30"x30"	Step=5"	Pitch=-363	", Yaw=+8"
21:51:45 21:52:26 Peakc/s=50 Qual=01 Tot Cts=440 Maxkev=188  21:51:45 21:52:26 Peakc/s=50 Qual=01 Tot Cts=440 Maxkev=188  207:51:45 21:52:26 Peakc/s=66 Qual=01 Tot Cts=440 Maxkev=188  21:51:45 21:52:26 Peakc/s=66 Qual=01 Tot Cts=450 Pritch=-297", Yaw=-87", Roll=-20deg  21:51:45 21:52:26 Peakc/s=48 Qual=01 Tot Cts=375 Pritch=-297", Yaw=-87", Roll=-20deg  21:10:50 01:12:00 Peakc/s=48 Qual=01 Tot Cts=375 Pritch=-26", Yaw=-180", Roll=-20deg  22:49:47 02:50:02 Peakc/s=66 Qual=01 Tot Cts=444 Pritch=-236", Yaw=-283", Roll=-20deg  23:49:47 02:50:02 Peakc/s=66 Qual=01 Tot Cts=444 Pritch=-229", Yaw=-283", Roll=-20deg  24:41:41:41:41:41:41:41:41:41:41:41:41:41	# = 1205 /16,21:51	D0Y=25	+ -	Pointing	N26E03			Pitch=-305", Yaw	=-64",Roll	=-20deg	H.Ang=19deg
DOY=260         SAM Pointing:         N26E01         Pitch=-297", Yaw=-87", Roll=-20deg           Peak Doy=260         End times of times and times of t	21:51:2 21:45	reak   21:51:4	21:52:26	Peakc/s=50 Wavelength=1375A	Qual=00 Qual=01	Tot (	Cts=440 ∮=96595	MaxkeV=188 Rast=30"x30"	Step=5"	Pitch=-336	", Yaw≖-39"
DOY=260 End times 01:12:00 Peakc/s-48 Qual=01 DOY=260 DOY=260 DOY=260 End times 01:13:00 Peakc/s-48 Qual=01 DOY=260 DOY=260 End times DOY=260 DOY=261 DOY=261 End times DOY=261					89/09/1		00Y=260				
01:11:05 01:12:00 Peakc/s-48 Qual=01 Tot Cts=375 Rast=10"x10" Step=0" Pitch=-305"  01:11:05 01:12:00 Peakc/s-48 Qual=01 Tot Cts=82 Rast=10"x10" Step=0" Pitch=-305"  02:12:00 Peakc/s-29 Qual=01 Tot Cts=82 Rast=180"x1" Step=0" Pitch=-20deg  02:12:00 I4:10:33 Peakc/s=29 Qual=01 Tot Cts=82 Rast=180"x1" Step=0" Pitch=-126"  03/09/18 D07=261 Rast=180"x1" Step=0" Pitch=-126"  04/18:10:20 I4:10:33 Peakc/s=90 Qual=01 Tot Cts=44 Rast=180"x1" Step=0" Pitch=-126"  05/18:10:20 Oc:12:11 Peakc/s=90 Qual=01 Tot Cts=444 Rast=30"x30" Step=5" Pitch=-280"  05/18:10:00 Oc:12:00 Oc:12:11 Peakc/s=90 Qual=01 Tot Cts=444 Rast=30"x30" Step=5" Pitch=-280"  05/18:10:12:12 Peakc/s=90 Qual=01 Tot Cts=530 Rast=30"x30" Step=5" Pitch=-280"  05/18:10:12:12 Peakc/s=90 Qual=01 Tot Cts=530 Rast=30"x30" Step=5" Pitch=-280"  05/18:10:12 Peakc/s=90 Qual=01 Tot Cts=530 Rast=30"x30" Step=5" Pitch=-280"  05/18:10:12 Peakc/s=90 Qual=01 Tot Cts=530 Rast=30"x30" Step=5" Pitch=-221"  05/18:10:12 Peakc/s=90 Qual=01 Tot Cts=530 Rast=265"x265" Step=5" Pitch=-221"	Event # = 1205 89/09/17,01:42	Į od		<u>a</u>	N26E01			Pitch=-297", Yaw	=-87", Roll	=-20deg	H.Ang=19deg
# = 8559 17,14:10	SCES SCER SCER SCER SCER SCER SCER SCER	01:11	02:15 01:12:00	Importance=C4 Peakc/s=48 Wavelength=1375A	Qual=02 Qual=01 Code=01	Tot (	Cts=375 ⊭=96619	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=-305'	", Yaw=-82"
14:19   Peak   Flags=NS.GB   Flags=NS.GB   Flags=NS.GB     14:19   Wavelength=2788A   Exp #=96636   Rast=180"x1"   Step=0" Pitch=-126"     14:19   Wavelength=2788A   Rast=180"x1"   Step=0" Pitch=-126"     14:19   Wavelength=2788A   Rast=180"x1"   Step=0" Pitch=-126"     18:00:12   DOY=261   DOY=261   DOY=261   Peak   Correction     18:00:12   DOY=261   Doy=261   Wavelength=1375A   Exp #=96683   Rast=30"x30"   Step=5" Pitch=-280"     18:02:49   DOY=261   DOY=261   Doy=26	Event # = 8559 89/09/17,14:10	DOY=260	1	Pointing	N26W05			Pitch=-263", Yaw	=-180", Rol	1=-20deg	H.Ang*19deg
# = 12057 148,00:12 D0Y=261 Start Peak End times	Start HXRBS 14:10:18 UVSP 14:19	8 14:10:20	14:10:33	Peakc/s=29 Wavelength=2788A		Tot ( Exp 4	Cts=82 F=96636	MaxkeV=188 Rast=180"x1"	Flags=NS, Step=0"	<b>GB</b> Pitch≖-126′	", Yaw≈-5"
# = 12057 118,00:12					89/09/18		00Y=261			e de la companya de l	
00:11:35 00:12:02 00:12:11 Peakc/s=90 Qual=01 Tot Cts=444 MaxkeV=232 Step=5" Pitch=-280"	Event # = 1205; 89/09/18,00:12 Start		Fnd times	Pointing	N26W11			Pitch=-236", Yaw	≖-260",Rol	]=-20deg	H.Ang=22deg
# = 12614 18,02:49 DOY=261 SMM Pointing: N26W13 Pitch=-229",Yaw=-283",Roll=-20deg Start Peak End times Qual=00 Qual=00 MaxkeV=102 Flags=I Pitch=-221" 02:49:37 02:49:47 02:50:02 Peakc/s=66 Qual=01 Tot Cts=530 MaxkeV=102 Flags=I Pitch=-221"		5 00:12:02 1cy(MHz)/F	: 00:12:11	Peakc/s=90 Wavelength=1375A 410/93	Qua]=01 Qua]=01	Tot ( Exp #	Cts=444 F=96683	MaxkeV≈232 Rast≈30"x30"	Step=5"	Pitch≈-280'	", Yaw=-193"
02:49:37 02:49:47 02:50:02 Peakc/s=66 Qual=01 Tot Cts=530 MaxkeV=102 Flags=I 02:46 Wavelength=1375A Exp #=96695 Rast=265"x265" Step=5"	Event # = 1261 <sup>2</sup> 89/09/18,02:49 Start	1 DOY=261	+ de:+	<u> </u>	N26W13			Pitch=-229", Yaw	=-283", Rol	]=-20deg	H. Ang=22deg
	60ES HXRBS 02:49:37 UVSP 02:46	02:49:47	02:50:02		Qual=00 Qual=01	Tot ( Exp #	)ts=530 F=96695	MaxkeV=102 Rast=265"x265"	Flags≖I Step=5"	Pitch=-221'	", Yaw=-270"

Event 89/09/	Event # = 12058 89/09/18,04:33	D0Y=261		SMM Pointing:	N26W13		Pitch=-224", Yaw	, Yaw=-295", Roll	, Roll=-20deg	H.Ang=23deg	İ
Optica	start	reak S	End times		\$26E53	AR5698	Mac.=EKI	Carr.Lon.=219deg	:219deg	H.Ang=61deg	
BCS BS	73:39 04:15:55 04:33	04:33 04:16:09 04:33	04:44 04:18:29 04:45	Importance=mi Peakc/s=50 CaPeak.c/s=19	Qual=03 Qual=01 Qual= 4	ot Cts=1368 ePeak=04:44	MaxkeV=102 FePeak.c/s=6	#Peaks=1 C+en=15"	dt= 7.7s Cad= 262e	XEN=926100	
UVSP UVSP T	04:06 04:31:01	04:31:33	04:32:58	Wavelength=2788A Code=01 E Associated E Peakc/s=44 Qual=01 1	Code=01 Ssociated Qual=01	<pre>ixp #=96697 ivent # = 12059 ot Cts=774</pre>	Rast=180"x1" MaxkeV=144	Step=0"	Pitch=-91",	", Yaw=-108"	ı
Event # = 89/09/18,1	# = 12615 '18,11:53	DOY=261	ביים לים	SMM Pointing:	N26W17		Pitch=-210", Yaw	, Yaw=-341", Roll	, Roll=-20deg	H.Ang=25deg	
GOES HXRBS UVSP	11:53:10 11:45	11:53:10 11:53:14 11:45	11:5	Peakc/s=46 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=156 Exp #=96707	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch=-72",	, Үам=-165"	
Event 89/09/	Event # = 12060 89/09/18,13:32	DOY=261	ognit + ball	SMM Pointing:	N26W18		Pitch=-203", Yaw	, Yaw=-362", Roll	, Roll=-20deg	H.Ang=26deg	
GOES HXRBS UVSP	13:32:06 : 13:16	13:32:37	13:3	Peakc/s=44 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=280 Exp #=96709	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-69",	, Yaw≈-175"	
Event 89/09/	t # = 12066 9/18,23:00	D0Y=261	1 4 Par	SMM Pointing:	N26W23		Pitch=-182", Yaw	, Yaw=-427", Roll	, Roll=-20deg	H.Ang=29deg	
GOES HXRBS UVSP	23:00:13 22:54	23:00:32	23:00:46	Peakc/s=36 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=127 Exp #=96747	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=-258'	Pitch=-258",Yaw=-379"	
					89/09/19	9 D0Y=262					
Event 89/09/ Optica	Event # = 23265 89/09/19,01:40 Start Optical	DOY=262 Peak	End times	HaClass=SF	N26W23	AR5694	Mac.=EA0	Carr.Lon.=283deg	=283deg	H.Ang=29deg	
ECS FISS	01:39	01:40	01:48	CaPeak.c/s=46	udal=00 Qual= 5	FePeak=01:40	FePeak.c/s=8 Rast=180"x180"	#Peaks=1 Step=10"	dt= 3.8s X Cad= 332s 1	XEN=926200 1.024s/pixel	
UVSP	01:44			Wavelength=1375A		Exp #=96761	Rast=265"x265"	Step=5"	Pitch=-168	", Yaw=-437"	
Event 89/09/	Event # = 12061 89/09/19,01:58 Start	D0Y=262 Peak	End times	SMM Pointing:	N26W25		Pitch=-176", Yaw=-449", Roll=-20deg	.=-449", Rol	]=-20deg	H.Ang=30deg	
GOES HXRBS UVSP Radio Radio	01:58:01 01:58:13 01:58:5 01:46	01:58:11 Type/1 cy(MHz)/F	3 01:58:50 Intensity: Flux(sfu):	Peakc/s=48 Wavelength=1375A III/1 410/78 606/82	Qual=01 Qual=01	Tot Cts=336 Exp #=96762	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=-211"	",Yaw=-394"	

Event # = 12062 89/09/19,05:29 DOY=262 Start Peak Fnd times	SMM Pointing:	N26W27		Pitch=-170",Yaw=	, Yaw=-471", Roll=	, Roll=-20deg	H.Ang=32deg
Optical 60ES 05:24 05:35	E E	S27E36	AR5698 N	Mac.=EKI	Carr.Lon.=222deg	:22deg	H.Ang≈49deg
HXRBS 05:25:10 05:27:34 05:28:02 UVSP 05:31 Radio Sweeps	Pea	Qual=11 Tot Code=02 Exp	Cts=2194	MaxkeV=102 Rast=180"x1"	Flags=DG Step=O" P	Pitch=-34",	, Yaw=-291"
kaulo rrequency(MHZ)/Flux(STU):							
Event # = 12063 89/09/19,07:51 D0Y=262 Start Peak End times	SMM Pointing:	N26W28		Pitch=-164",Yaw=-492",Roll=-20deg	492", Roll=	20deg	H.Ang≕33deg
GOES HXRBS 07:50:56 07:51:03 07:51:33 UVSP 07:39 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=68 Wavelength=2788A 15400/750	Qual=00 Qual=01 Tot Exp	Cts=316 P #=96776 F	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=-30",Yaw=-306"	Yaw=-306"
5 D0Y=262	SMM Pointing:	N26W28		Pitch=-164", Yaw=-492", Roll=-20deg	492", Roll=	-20deg	H.Ang≖33deg
GOES 08:14 08:18 08:22 HXRBS 08:15:06 08:15:31 08:16:07 UVSP 08:33	Importance=C3 Peakc/s=41 Wavelength=2788	Qua]=01 Qua]=01	Tot Cts=408 FX Exp #=96777 F	MaxkeV=102 Rast=180"x1"	Step=0" P	Pitch=-28".Yaw≈-312"	Yaw=-312"
HXRBS 08:13:50 08:14:05 08:14:38	Peakc/s=47	ssociate Qual=01	# = 12064 s=191 P	MaxkeV=102		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DOY=262	SMM Pointing:	N26W29	<b>a.</b>	Pitch=-160", Yaw≈-502", Roll=-20deg	502", Roll=		H.Ang=33deg
	Importance=C3 Peakc/s=234 Wavelength=2788A	Qual=01 Tot Cts=3872 Qual=01 Tot Cts=3872 Exp #=96779		MaxkeV=188 Rast=180"x1"	Step=0" P	Pitch=-25".Yaw=-323"	Yaw=-323"
	V/3 245/350 410/220 t	06/41 269					
Event # = 12068 89/09/19,10:03 DOY=262 Start Peak End times	SMM Pointing:	N26W29		Pitch=-160", Yaw=-502", Roll=-20deg	502", Roll=.		H.Ang=33deg
10:03 10:09	HaClass=SN Importance=M1		AR5698 M	Mac.=EKI	Carr.Lon.=220deg		H.Ang=51deg
HXRBS 09:52:34 09:54:17 10:05:38 UVSP 10:06 Radio Frequency(MHz)/Flux(sfu):	c/s=197 length=2788/ /59 4995/41	Qual=01 Tot Cts=17416 4 Code=02 Exp #=96779 8800/71 15400/73		MaxkeV=144 Rast=180"xl"	Step=0" P	Pitch=-25",Yaw=-323	Yaw=-323"
Event # = 23266 89/09/19,10:45 DOY=262 Start Peak End times GOES 10:38 10:45 11:00 PCS 10:55 10:56	Importance=C6	Qua]=05		1		1	
00:01	LdFedk.C/S=31 Wavelength=2788A	Qual= 4 rereak=10:55 Code=00 Exp #=96780	n	rePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 d1 Step=15" C6 Step=0" Pi	dt= /./s Cad= 262s Pitch=-23",	XEN=926201 1.024s/pixel Yaw=-326"
							No. of Contrast of

Event # 89/09/19	= 12069 1,12:32	DOY=262		SMM Pointing:	N26W31		Pitch=-154", Yaw	, Yaw=-523", Roll=-20deg	1=-20deg	H.Ang=35deg
GOES 1 HXRBS 1 UVSP 1 Radio Sw	Start 12:21 S 12:30:33 ·12:15 o Sweeps	222 225	End times 12:36 12:32:07 tensity:	Importance=C4 Peakc/s=44 Wavelength=2788A V/3	Qual=01 Qual=01 Code=00	Tot Cts=362 Exp #=96782	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=-21",Yaw=-337"	, Үаw=-337"
Event # = 23267 89/09/19,14:03 Start GOES 14:02 FCS 13:46	= 23267 9,14:03 Start 14:02 13:46	DOY=262 Peak 14:03	End times 14:08	CaPeak.c/s=25 Wavelength=2788A	Qual=00 Qual= 4	FePeak=14:02 Exp #=96784	FePeak.c/s=9 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s X Cad= 332s 1 Pitch=+437",	XEN=926202 1.024s/pixel ",Yaw=+822"
Event # = 12070 89/09/19,15:35 Start	= 12070 ),15:35 ;tart	DOY=262 Peak	End times	SMM Pointing:	S26E34		Pitch=+307", Yaw=+626"	=+626", Rol	, Roll=-20deg	H.Ang=47deg
Optical GOES 1 HXRBS 1 BCS 1	15:29 15:31:00 15:32	15:35 15:31:03 15:32	15:40 15:32:00 15:35	HaClass=SN Importance=C3 Peakc/s=79 CaPeak.c/s=44	N28W28 Qual=01 Qual=01 Qual= 4	AR5694 Tot Cts=451 FePeak=15:32	Mac.=EA0 MaxkeV=102 FePeak.c/s=11	<pre>Carr.Lon.=281deg #Peaks=1 dt= 3. c+on=10" Cad= 2</pre>	88 20.5	H.Ang=34deg XEN=926203
rcs UVSP 1 Radio	l5:18 Frequen	15:18 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 245/57	Code=00	Exp #=96786	Rast=180"x1"		Pitch=+186	, Yaw=+557"
Event # 89/09/19	= 12071 1,16:14	D0Y=262		SMM Pointing:	S26E34		Pitch=+307", Yaw=+626", Roll=-20deg	=+626", Rol	]=-20deg	H.Ang=47deg
GOES 16:05 HXRBS 16:20:06 BCS 16:20	16:05 16:20:06 16:20	Feak 16:14 16:20:10 16:20	16:28 16:28 16:20:22 16:22	Importance=M4 Peakc/s=72 CaPeak.c/s=24	Qual=05 Qual=02 Qual= 6	Tot Cts=289 FePeak=16:20	Maxkev=144 FePeak.c/s=19	Flags=SA #Peaks=1	dt= 7.7s X	XEN=926204
	16:13 Frequen	16:13 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 4995/160 8800/160	Code=00	Exp #=96787	Rast=180"x1"	Step=0"	cau-soaus Pitch=+189	, Yaw=+552"
*	t # = 23268 9/19,17:01 Start	) D0Y=262 Peak	End times		00-1					
GOES BCS 1 FCS 1	16:58 17:06	17:01	17:23	CaPeak.c/s=51 Wavelength=2788A	Qual= 5	FePeak=17:01 Exp #=96789	FePeak.c/s=7 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=15" Step=3"	dt= 3.8s Cad= 262s Pitch=+319	XEN=926205 1.024s/pixel 9", Yaw=+629"
	t # = 23269 9/19,21:56 Start	) DOY=262 Peak	End times		00al=00			1		
BCS 2 FCS UVSP 2	21:56 21:52	21:56	21:59	CaPeak.c/s=31 Wavelength=1375A	Qual= 4	FePeak=21:56 Exp #=96813	FePeak.c/s=9 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=+375",	XEN=926206 1.024s/pixel ",Yaw=+528"

Event 89/09/	Event # = 23270 89/09/19,22:07 Start	D0Y=262 Peak	End times								1
GOES BCS FCS	22:07	22:07	22:10	CaPeak.c/s=42	Qua}=00 Qua]= 4	FePeak=22:07	FePeak.c/s=9	#Peaks=1	dt= 3.8s	XEN=926207	
UVSP	22:02			Wavelength=1375A		Exp #=96815	Rast=30"x30"			", Yaw=+526"	
					89/09/50	) D0Y=263					
Event 89/09/;	Event # = 120/3 89/09/20,02:37 Start	DOY=263	Fnd times	SMM Pointing:	S26E29		Pitch=+335",Yaw	,Yaw=+565",Roll	, Roll=-20deg	H. Ang=43deg	
Optical	] ] ]		00.30	HaClass=SN	S29E21	AR5698	Mac.=EKI	Carr.Lon.	=226deg	H.Ang=41deg	
HXRBS BCS BCS	02:34:54 02:38:54	02:35 02:35:13 02:38	02:35:22 02:39	Importance=cz Peakc/s=333 CaPeak.c/s=27	Qual=01 Qual=01 Qual= 4	Tot Cts=1922 FePeak=02:38	MaxkeV=188 FePeak, c/s=10	Flags=FS #Peaks=1	dt= 3.8s	XEN=926300	
UVSP PSV	02:16			Wavelength=1375A	Code=00	Exp #=96837	Rast=160"x180" Rast=70"x70"		cad= 3528 Pitch=+307"	1.0245/plxel ", Yaw=+539"	
Event 89/09/	Event # = 12075 89/09/20,03:04	DOY=263		SMM Pointing:	S26E28		Pitch=+340", Yaw	,Yaw=+555",Roll	, Roll=-20deg	H.Ang=43deg	1
•	Jeart Jeart		_		\$28E24	AR5698	Mac.=EKI	Carr.Lon.=222deg	=222deg	H.Ang=42deg	
GOES HXRBS BCS BCS	02:59 02:59:54 03:01	03:04 03:00:33 03:02	03:10 03:03:11 03:04	Importance=C4 Peakc/s=117 CaPeak.c/s=68	Qual=02 Qual=01 Qual= 2	Tot Cts=3869 FePeak=03:02	MaxkeV=188 FePeak.c/s=18	Peaks=1	dt= 7.7s	XEN=926301	
UVSP Radio		y (MH2)/I		Wavelength=1375A 606/140 1415/50 2695/110	2/269	Exp #=96838 1995/150 8800/17	Rast=265"x265" 0 15400/110	tep=5"	Pitch=+350	Yaw=+562"	
HXRBS UVSP		02:58:1]		As Peakc/s=164 Wavelength=1375A	social Qual=(	Event # = 120/4 Tot Cts=1116 Exp #=96837	ted Event # = 120/4	 tep=5"	 Pitch=+307"	", Yaw=+539"	1
Event 89/09/2	# = 12076 20,05:51	DOY=263		SMM Pointing:	S26E27		Pitch=+344", Yaw	545"	, Roll=-20deg	H.Ang=42deg	[
GOES HXRBS UVSP	05:44 05:44:28 05:46	05:51 05:46:04	06:03 05:46:57	Importance=C4 Peakc/s=42 Wavelength=1375A	Qual=01 Qual=01 Code=00	Tot Cts=754 Exp #=96853	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+343"	', Yaw=+516"	
Event 89/09/	# = 12077 20,07:19	DOY=263	End +	SMM Pointing:	\$26E26		Pitch=+349", Yaw	, Yaw=+535", Roll	, Roll=-20deg	H.Ang=42deg	1
GOES HXRBS UVSP	GOES 07:10 HXRBS 07:10:39 0 UVSP 07:32	07:19 07:10:52	07:12:09	Importance=C5 Peakc/s=54 Wavelength=2788	Qual=03 Qual=01	Tot Exp	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+233"	', Yaw=+454"	
HXRBS	07:13:59	7:14:24	07:15:37	Peakc/s=42	Associated Qual=01	Event # = 12078 Tot Cts=252			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	
Event 89/09/	Event # = 12616 89/09/20,09:58 Start	D0Y=263 Peak	Fnd times	SMM Pointing:	S26E25		Pitch=+357", Yaw	, Yaw=+514", Roll	, Roll=-20deg	H.Ang=41deg	Yama total
GOES HXRBS UVSP	09:58:31 09:40		66	Peakc/s≖41 Wavelength=2788A	Qua1≈00 Qua1=01	Tot Cts=113 Exp #=96860	MaxkeV=144 Rast=180"xI"	Flags=I Step=0"	Pitch=+239",Yaw=+439"	',Yaw=+439"	1
											1

18:59:39   18:59:76   Peakc/s=80   Qual=0    Ott Cts=484   PaxkeV=102   Peaks=1   Ott Cts=480   Qual=0    Capeak:c/s=60   Qual=0    Capeak=19:02   Capeak:c/s=60   Qual=0    Capeak=19:02   Capeak:c/s=60   Qual=0    Capeak=19:02   Capeak:c/s=60   Qual=0    Capeak=19:02   Capeak:c/s=60   Capeak:c/s=	Event #	: # = 12079 1/20,19:02	D0Y=263	- +	SMM Pointing:	S26E19		Pitch=+386", Yaw	, Yaw=+446", Roll	, Roll=-20deg	H.Ang=38deg
DOY-263         End times         Fepek. C/5=8         FPeak. C/5=8         FPeak. C/5=8         FPeaks=1           DOY-263         End times         Importance=C3         Qual=05         Expeak=22:04         Repeak. C/5=8         FPeaks=1           22:04         22:07         CaPeak. C/5=41         Qual=05         Expeak=22:04         Repeak. C/5=8         FPeaks=1           22:04         22:07         CaPeak. C/5=41         Qual=05         Exp #=96898         Rast=180" 3249" 5tep=3"           DOY-264         End times         HaClass=S         SZE18         PRACE-EKC         Carr.Lon.**           DOY-264         End times         HaClass=SF         SZE13         AR5698         Mac-EKC         Carr.Lon.**           DOY-264         E	GOES HXRBS BCS FCS	3tart 18:59:31 19:00	18:59: 19:02	18:59:57 19:04	c/s=82 ik.c/s=50	Qual=00 Qual=01 Qual= 1	Tot Cts=484 FePeak=19:02	MaxkeV=102 FePeak.c/s=10 Rast=240"x240"			XEN=926302 1.024s/pixel
DOY-263 End times  End times  Mavelength=2788A Code=02  Exp #-96898  Rast=243"x243" Step=3"  Mavelength=2788A Code=02  Exp #-96898  Rast=243"x243" Step=3"  Mavelength=2788A Code=02  Exp #-96898  Rast=243"x243" Step=3"  Mavelength=2788A Code=02  Exp #-96898  Rast=243"x243" Step=3"  DOY-264  Peak  DOY-264  Mavelength=2788A Code=02  Exp #-96898  Rast=343"x243" Step=3"  Mavelength=2788A Code=02  Exp #-96898  Rast=343"x243" Step=3"  Mavelength=2788A Code=02  Exp #-96898  Rast=343"x243" Step=3"  Mavelength=1375A Code=02  Exp #-96898  Rast=343"x243" Step=3"  Mavelength=1375A Code=02  Exp #-96998  Maxelength=39" Yaw=+424", Roll  Peak  Mavelength=1375A Code=00  Exp #-96998  Maxelength=1375A Code=00  Exp #-96998  Maxelen	UVSP	9			_			Rast=265"x265"			", Yaw=+458"
22:04 22:07 CaFeak.C/s=41 Qual=05 FePeak=22:04 FePeak=186"x180" Step=10" BV9-264 Rast=186"x180" Step=10" BV9-264 Rast=180"x30" Step=5" BV9-264 BACEKC Carr.Lon.= BV9-269 Rast=30"x30" Step=5" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Rast=30"x30" Step=50" BV9-269 Ra		# = 23271 20,22:03 Start 21:57	DOY=26 Peak	mes.		01a1=05					
Mavelength=2788A Code=02 Exp #=96898   Rast=243",X243" Step=3"		22:04	22:04			Qual= 5	FePeak=22:04	FePeak.c/s=8	#Peaks=1	dt= 3.8s	XEN=926303
B9/09/21   D0Y=264   Pitch=+396", Yaw=+424", Roll	FCS UVSP	22:07			-	Code=02		Rast=243"x243"	Step=3"	Ξ.	1.02+3/ pine:
DOY=264 End times  HaClass=SS S27E13 AR5698 Mac.=EKC Carr.Lon.="0">Bitch=+396", Yaw=+424", Roll-19eak  DOY=264 End times  HaClass=SF S27E13 AR5698 Mac.=EKC Carr.Lon.="0"  DOY=264 End times  HaClass=SF S2E13 AR5698 Mac.=EKC Carr.Lon.="0"  DOY=264 End times  HaClass=SF S2E13 AR5698 Mac.=EKC Carr.Lon.="0"  DOY=264 End times  HaClass=SF S2E13 AR5698 Mac.=EKC Carr.Lon.="0"  Type/Intensity: 11/3 Qual=01 Tot Cts=4310 MaxeV=188 Ave=424", Roll Mayelength=1375A Code=00 Exp #=96913 Rast=30"x30"  Type/Intensity: 11/3 Qual=01 Tot Cts=4310 MaxeV=188 Ave=6 Final Mayelength=1375A Code=00 Exp #=96913 Rast=30"x30"  DOY=264 End times  HaClass=SF S27E13 AR5698 Mac.=EKC Carr.Lon.= Qual=01 Ave=96918 Rast=240"x240" Step=5"  DOY=264 End times  HaClass=SF S27E13 AR5698 Mac.=EKC Carr.Lon.= Qual=01 Ave=96918 Rast=240"x240" Step=5"  Havelength=1375A Exp #=96918 Rast=240"x240" Step=5"  DOY=264 End times  HaClass=IN S27E11 AR5698 Mac.=EKC Carr.Lon.= Qual=01 Ave=96918 Rast=240"x240" Step=5"  DOY=264 End times  HaClass=IN S27E11 AR5698 Mac.=EKC Carr.Lon.= Qual=01 Ave=96918 Rast=265"x265" Step=5"  DOY=264 End times  HaClass=IN S27E11 AR5698 Mac.=EKC Carr.Lon.= Qual=01 Ave=96918 Rast=265"x265" Step=5"  DOY=264 End times  HaClass=IN S27E11 AR5698 Mac.=EKC Carr.Lon.= Qual=01 Ave=96918 Rast=265"x265" Step=5"  Havelength=1375A Code=00 Exp #=96918 Rast=265"x265" Step=5"  DOY=264 End times  HaClass=IN S27E11 Ave=96918 Rast=265"x265" Step=5"  Havelength=1375A Code=00 Exp #=96918 Rast=265"x265" Step=5"  DOY=264 End times  HaClass=IN S27E11 Ave=96918 Rast=265"x265" Step=5"  DOY=264 End times  HaClass=IN S27E11 Ave=96918 Rast=265"x265" Step=5"  Havelength=1375A Code=00 Exp #=96918 Rast=10"x10" Step=10"  DOY=264 End times  HaClass=IN S27E11 Ave=96918 Rast=265"x265" Step=5"  Havelength=1375A Code=00 Exp #=96918 Rast=265"x265" Step=5"  Havelength=1375A Code=00 Exp #=96918 Rast=10"x10" Step=10"  Havelength=1375A Code=00 Exp #=96918 Rast=10"x10" Step=10"  Havelength=1375A Code=00 Exp #=96918 Rast=260" Step=10" Step						89/09/2					
Peak End times  00:15 00:23	Event 89/09/	# = 12080 21,00:15	D07=264		Pointing	S26E18		Pitch=+396", Yaw	=+424",Rol]	l=-20deg	H.Ang≖37deg
00:11:58 00:12:3 Importance=C	Optica	Start	Peak	r i mes	Class=SF	\$27£13	AR5698	Mac.=EKC	Carr.Lon.	*222deg	H.Ang=36deg
DOY=264 End times  HaClass=SF S28E13 AR5698 Mac.=EKC Carr.Lon.=  01:37 01:37 Importance=C4 Qual=03 Tot Cts=4310 MaxkeV=188  Type/Intensity: 11/3  Type/Intensity: 245/680 410/9300 606/630 2695/51 4995/71 8800/89 15400/58  DOY=264 End times  HaClass=SF S27E13 AR5698 Mac.=EKC Carr.Lon.=  02:40 02:42 CaPeak.c/s=21 Qual=01 Rast=240"x260" Step=15"  Mavelength=1375A Exp #=96918 Mac.=EKC Carr.Lon.=  DOY=264 End times  HaClass=IN S27E11 AR5698 Mac.=EKC Carr.Lon.=  02:40 02:42 CaPeak.c/s=21 Qual=01 Rast=240"x260" Step=15"  Mavelength=1375A Exp #=96918 Mac.=EKC Carr.Lon.=  03:07 03:21 Importance=M3 Qual=03 Tot Cts=3.45E+5 MaxkeV=322 Flags=M5 O2:58:21 03:22:08 Peak.c/s=4577 Qual=01 Tot Cts=3.45E+5 MaxkeV=322 Flags=M5 O3:08 Peak.c/s=1931 Qual=1 FePeak=03:04 Rast=180"x180" Step=10	GOES HXRBS UVSP	00:10 00:11:44 00:15	00:15 00:11:	00:23 00:12:43	tance=C2 c/s=54 ength=1375A	Qual=03 Qual=01 Code=02	Tot Cts=535 Exp #=96908	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+376"	", Yaw=+354"
Peak Harrimes HaClass=SF S28E13 AR5698 Mac.=EKC Carr.Lon.= 01:37 Importance=C4 Qual=03 Tot Cts=4310 Maxkev=188	Event 89/09/	# = 12081 21,01:32			Pointing	S26E18		Pitch=+396", Yaw	*+424", Rol	1=-20deg	H.Ang=37deg
01:32 01:37	Optica	Start 1	Peak	End times	Class=SF	\$28 <u>E13</u>	AR5698	Mac.=EKC	Carr.Lon.	=221deg	H.Ang≖37deg
Type/Intensity: III/3  y(MHz)/Flux(sfu): 245/680 410/9300 606/630 2695/51 4995/71 8800/89 15400/58  D0Y=264  End times  HaClass=SF S27E13  Qual=01  Qual=01  Qual=01  Qual=01  Qual=01  Rast=240"x240" Step=15"  Wavelength=1375A  Exp #=96918  Rast=265"x265" Step=5"  Peak  Exp #=96918  Rast=265"x265" Step=5"  Pitch=+409", Yaw=+389", Roll  Rast=180"x180"  Rast=180"x180"  Rast=180"x180"  Rast=180"x180"  Rast=180"x180"  Step=0"  Yaw=101 375A Code=00  Exp #=96922  Rast=180"x180"	GOES HXRBS UVSP	01:27 01:27:33 01:25	01:32 : 01:27:52	01:37 01:29:47	tance=C4 c/s=153 ength=1375A	Qual=03 Qual=01 Code=00		MaxkeV=188 Rast=30"x30"	Step=5"	Pitch=+434"	", Yaw=+356"
DOY=264 End times HaClass=SF S27E13 AR5698 Mac.=EKC Carr.Lon.= Qual=01 Rast=240"x240" Step=15" Wavelength=1375A Exp #=96918 Rast=240"x240" Step=15" Step=10" Step=10" Step=10" Step=10" Step=10" Step=10" Step=5" S	Radio Radio	Sweeps Frequen	Type/I icy(MHz)/F	ntensity: lux(sfu):	111/3 245/680 410/9300	606/630		8800/88			
02:40 02:42 CaPeak.c/s=21 Qual=01 Rast=240"x240" Step=15" Wavelength=1375A Exp #=96918 Rast=265"x265" Step=5"  D0Y=264 SMM Pointing: S26E15 Pitch=+409", Yaw=+389", Roll Rast=265"x265" Step=5" Rast=265"x265" Step=15" Rast=265"x265" Step=5" Step=15" Rast=265"x265" Step=15" Rast=265"x265" Step=15" Rast=265"x265" Step=5" Rast=265"x265" Step=5" Rast=265"x265" Step=15" Rast=265"x265" Step=5" Rast=265"x265" Step=16" Rast=265"x265" Step=16" Rast=265"x265" Step=16" Rast=265"x265" Step=16" Rast=265"x265" Step=16" Rast=180"x180" Step=10" Rast=10"x180" Step=10" Rast=10"x180" Step=0" Rast=10"x180" Step=0" Rast=10"x180" Step=0" Rast=10"x180" Step=0"	Event 89/09/ Optica	# = 23272 21,02:40 Start	DOY=26 Peak	time	aClass=SF	\$27E13.	AR5698	Mac.=EKC	Carr.Lon.	=220deg	H.Ang=36deg
DOY=264 SMM Pointing: S26E15 Pitch=+409", Yaw=+389", Roll Peak End times  HaClass=IN S27E11 AR5698 Mac.=EKC Carr.Lon.= 03:07 03:21 Importance=M3 Qual=03 02:58:21 03:12:08 PeakC/s=4577 Qual=01 Tot Cts=3.45E+5 MaxkeV=322 Flags=M5 03:03 03:23 CaPeak.C/s=1931 Qual= 1 FePeak=03:04 FePeak.C/s=721 #Peaks=1 03:03 Wavelength=1375A Code=00 Exp #=96922 Rast=10"x10" Step=10"  Havelength=1375A Code=00 Exp #=96922 Rast=10"x10" Step=0" 34.0420 10/420 606/72 2695/120 4995/190 8800/240 15400/360	GOES BCS FCS	02:40	••	4	ak.c/s=21  ength=1375A	Qual=01 Qual= 4	FePeak=02:40 Fxp #=96918	FePeak.c/s=6 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+416	XEN=926400 1.024s/pixel 6", Yaw=+404"
Peak End times  HaClass=IN S27E11 AR5698 Mac.=EKC Carr.Lon.=  03:07 03:21 Importance=M3 Qual=03 Tot Cts=3.45E+5 MaxkeV=322 Flags=M5  02:58:21 03:12:08 Peakc/s=4577 Qual=01 Tot Cts=3.45E+5 MaxkeV=322 Flags=M5  03:03 CaPeak.c/s=1931 Qual= 1 FePeak=03:04 FePeak.c/s=721 #Peaks=1  Peak3c/s=5  Wavelength=1375A Code=00 Exp #=96922 Rast=10"x10" Step=10"  Wavelength=1375A Code=00 Exp #=96922 Rast=10"x10" Step=0"  YANGME2)/Flux(sfu): 245/90 410/420 606/72 2695/120 4995/190 8800/240 15400/360	Event	# = 12082			- 1	C26E15	-	Pitch=+409" Yaw	*+389" Rol	]=-20dea	H. Ana=36dea
22:57 03:07 03:21 Importance=M3 Qual=03 Tot Cts=3.45E+5 MaxkeV=322 Flags=M5	09/09/ Ontica	Start			- :	S27E11	AR5698	}	Carr. Lon.	=222deq	H.Ang=36deg
03:03   Havelength=1375A Code=00 Exp #=96922   Rast=10"x10" Step=0"   Frequency(MHz)/Flux(sfu): 245/90 410/420 606/72 2695/120 4995/190 8800/240 15400/360	GOES GOES HXRBS	22:57 22:57 33:00	03:07 02:58:21 03:01	03:21 03:12:08 03:23	Importance=M3 Peakc/s=457 CaPeak.c/s=1931	Qual=03 Qual=01 Qual= 1	Tot Cts=3.45E4 FePeak=03:04	-5 MaxkeV=322 FePeak.c/s=721 Dac+=180"v180"		dt= 3.8s	XEN=926401 1.024s/nixe1
	UVSP Radio	02:58 Frequer	ປ3:ປ3 າcy(MHz)/F		Feak3::(/s-3 Wavelength=1375A 245/90 410/420 6	Code=00 06/72 269	Exp #=96922 5/120 4995/190	Rast=10"x10" 8800/240 15400/36	Step=0"	Pitch=+449	9", Yaw=+345"

BCS -	03:23	03:23	03:33	A CaPeak.c/s=92	Associated Qual= 5	Event # = 23273 FePeak=03:23	FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=926402
UVSP	03:13			Wavelength=1375A		Exp #=96924	Kast=180"x180" Rast=10"x10"		Cad= 332s Pitch=+469	1.024s/pixel 9",Yaw=+333"
Event # = 89/09/21,	# = 23274 $/21,13:05$	D0Y=264	and the state of t	TOTAL DE LA LA LA LA LA LA LA LA LA LA LA LA LA		4	700			
Optica	Start al		g ?	HaClass=SN	\$27E06_	AR5698	Mac.=EKC	Carr.Lon.=222deg	=222deg	H.Ang=35deg
BCS BCS	12:58 13:21	13:05	13:16 13:23	Importance=M2 CaPeak.c/s=19	Qual=05 Qual= 5	FePeak=13:21	FePeak.c/s=8		75	XEN=926403
UVSP	13:13			Wavelength=2788A	Code=02	Exp #=96939	Rast=240"x240" Rast=180"x1"	Step=15 Step=0"	Cad= 262s Pitch=+318"	1.024s/pixel ",Yaw=+244"
Event 89/09/	# = 23275 '21,14:50									
GOES	Start DES 14:45 SS 14:53	14:50 14:55	End times 14:55 15:06	Importance=C2 CaPeak.c/s=40	Qual=05 Qual= 5	FePeak=14:55	FePeak.c/s=7	#Peaks=1	dt= 3.8s	XEN=926404
UVSP	14:44			Wavelength=2788A	Code=00	Exp #=96941	=	Step=0" Step=0"	Cad=3840s Pitch=+334	3840s/pixel ",Yaw=-70"
Event 89/09/	t # = 12083 3/21,19:39	DOY=264	4	SMM Pointing:	S26E04		Pitch=+469", Yaw	, Yaw=+236", Rol	, Roll=-20deg	H.Ang=33deg
Optica	3tart 1) 10.25	10.3	וווופאיםו	HaClass=1F	\$27E03	AR5698	Mac.=EKC	Carr.Lon.=221deg	=221deg	H.Ang≕34deg
HXRBS BCS BCS	19:26:41 19:29	19:36:58 19:38	19:43:14 20:02	Importance=HZ Peakc/s=431 CaPeak.c/s=1056	Qual=03 Qual=01 Qual= 1	Tot Cts=49157 FePeak=19:37	MaxkeV=232 FePeak.c/s=257	#Peaks=1	dt= 7.7s	XEN=926405
	19:34 Sweens	Tvne/		Wavelength=1375A (	Code=00	Exp #=96950	Rast=180"x180" Rast=20"x30"	Step=10" Step=1"	Cad= 332s 1 Pitch=+518",	1.024s/pixel ',Yaw=+216"
	Frequency (MHz)/Flux(sfu):	:y (MHz)/F		245/880 410/170	196/180 1	2695/80	95/170 88	15400/140		
Sg _	19:58:20 19:52	19:58:27		oakc/s=53 Aavelength=1375⊅	Qual=01	Evell # = 12004 Tot Cts=18073 Exp #=96952	MaxkeV=102 Rast=30"x30"	 Step=5"	 Pitch=+514"	', Yaw=+234"
	1000				89/09/22	2 D0Y=265				
Event 89/09/	# = 12085 /22,02:18 Start	DOY=265	End +	SMM Pointing:	S26E01		Pitch=+485",Yaw=	, Yaw=+190", Rol	, Roll=-20deg	H.Ang=33deg
Optica GOES	,	¥ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		HaClass=SF	\$25W00	AR5698	Mac.=EKC	Carr.Lon.=220deg	=220deg	H.Ang=32deg
HXRBS	02:17:34 01:41	02:18:09	02:18:49	Peakc/s=34 Wavelength=1375A		Tot Cts=173 Exp #=96962	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=+505"	, Yaw=+175"
Event 89/09/	# = 23276 1/22,03:13 Start	D0Y=265 Peak	End times							
GOES	03:13	03:13		CaPeak.c/s=21	Qual=00 Qual= 4	FePeak=03:13				XEN=926500
UVSP	03:10			Wavelength=1375A		Exp #=96963	Kast=180"×180" Rast=265"×265"	Step=10" Step=5"	Cad= 332s Pitch=+520"	1.024s/pixel ',Yaw=-78"

Event 89/09/	t # = 12079 9/20,19:02	DOY=263	+ 100	SMM Pointing:	S26E19		Pitch=+386", Yaw	, Yaw=+446", Roll	, Roll=-20deg	H.Ang=38deg
GOES HXRBS HCS FCS FCS UVSP	Start 18:59:31 19:00 19:02	redk 18:59:39 19:02	18:59:57 19:04	Peakc/s=82 CaPeak.c/s=50 Wavelength=1375A	Qual=00 Qual=01 Qual= 1	Tot Cts=484 FePeak=19:02 Exp #=96880	MaxkeV=102 FePeak.c/s=10 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=+393",	XEN=926302 1.024s/pixel ",Yaw=+458"
Event 89/09/ GOES BCS FCS UVSP	Event # = 23271 89/09/20,22:03 Start GOES 21:57 BCS 22:04 FCS 22:04	D0Y=263 Peak 22:03 22:04	End times 22:07 22:07	Importance=C3 CaPeak.c/s=41 Wavelength=2788A	Qual=05 Qual= 5 Code=02	FePeak=22:04 Exp #=96898	FePeak.c/s=8 Rast=180"x180" Rast=243"x243"	#Peaks=1 Step=10" Step=3"	dt= 3.8s Cad= 332s Pitch=+402'	XEN=926303 1.024s/pixel ', Yaw=+437"
					89/09/21	1 D0Y=264				
Event 89/09/	Event # = 12080 89/09/21,00:15	D0Y=264		SMM Pointing:	S26E18		Pitch=+396", Yaw	, Yaw=+424", Roll	, Roll=-20deg	H.Ang=37deg
Optica	Start al	Peak	samta.	.Class=SF	\$27E13	AR5698	Mac.=EKC	Carr.Lon.=222deg	-222deg	H.Ang=36deg
GOES HXRBS UVSP	00:10 00:11:44 00:15	00:15 00:11:58	00:23 00:12:43	Importance=CZ Peakc/s=54 Wavelength=1375A	Qual=03 Qual=01 Code=02	Tot Cts=535 Exp #=96908	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+376"	", Yaw=+354"
Event 89/09/	t # = 12081 3/21,01:32	D0Y=264	7	SMM Pointing:	S26E18		Pitch=+396", Yaw	, Yaw=+424", Roll	, Roll=-20deg	H.Ang=37deg
Optical	Start 1)		S S	Class=SF	S28E13	AR5698	Mac.=EKC	Carr.Lon.=221deg	=221deg	H.Ang=37deg
GOES HXRBS UVSP		01:32 01:27:52 - ':	7	rtance=C4 c/s=153 ]ength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=4310 Exp #=96913	MaxkeV=188 Rast=30"x30"	Step=5"	Pitch=+434"	", Yaw=+356"
Radio Radio		Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)		111/3 245/680 410/9300	069/909	2695/51 4995/71	8800/89 15400/58			
Event 89/09/ 0ptica 60ES BCS FCS UVSP	Event # = 23272 89/09/21,02:40 Start Optical GOES BCS 02:40 FCS 02:42	DOY=264 Peak 02:40	End times 02:42	HaClass=SF CaPeak.c/s=21 Wavelength=1375A	\$27E13 Qual=01 Qual= 4	AR5698 FePeak=02:40 Exp #=96918	Mac.=EKC FePeak.c/s=6 Rast=240"x240" Rast=265"x265"	Carr.Lon.=220deg #Peaks=1 dt= 7. Step=15" Cad= 2 Step=5" Pitch=	7s 62s +416	H.Ang=36deg XEN=926400 1.024s/pixel ", Yaw=+404"
Event 89/09/	t # = 12082 9/21,03:07 Start	2 D0Y=264 Peak	End times	<b>-</b>	S26E15		.60	, Yaw=+389", Rol	, Roll=-20deg	H.Ang=36deg
Optical GOES HXRBS HXRBS BCS FCS UVSP Radio		02:57 03:07 03:21 02:57:40 02:58:21 03:12:08 03:01 03:23 02:58 03:03 02:58 Frequency(MHz)/Flux(sfu)	· · ·	HaClass=IN SZ/EII Importance=M3 Qual=03 PeakC/S=4577 Qual=01 CaPeak.C/S=1931 Qual= I Peak3C/S=5 Wavelength=1375A Code=00 245/90 410/420 606/72 266	SZ/E. Qual: Qual: Qual: Code:	11 AK5698 =03 Tot Cts=3.45E+5 = 1 FePeak=03:04 =00 Exp #=96922 2695/120 4995/190 8	#ac.=EKC C. C. F FPPeak.c/s=721 # Rast=180"x180" S Rast=10"x10" S Rast=10"x10" S Rast=10"x10" S P Rast=10" S P Rast=10"x10" S P Rast=10" S P Rast=10" S P Rast=	Carr.Lon.=ZZZdeg Flags=M5 #Peaks=1 dt= 3. Step=10" Cad= 3 Step=0" Pitch=50	88 328 +449	m.Ang=30deg XEN=926401 1.024s/pixel ", Yaw=+345"

BCS .	03:23	03:23	03:33	6 CaPeak.c/s=92	Associated Qual= 5	Event # = 23273   FePeak=03:23	FePeak.c/s=12	#Peaks=1	,	dt= 7.7s XEN=926402
UVSP	03:13			Wavelength=1375⊅	۵	Exp #=96924	Rast=10"x10"			1.024s/pixe} ",Yaw=+333"
Event # = 89/09/21, St	# = 23274 '21,13:05 Start	D0Y=264 Peak	End times	T C	\$27506	405698	) (2) (3)	sobccc not med	-222400	10 mm
SOES BCS	12:58 13:21	13:05 13:21	13:16 13:23	Importance=M2 CaPeak.c/s=19	Qual=05 Qual= 5	FePeak=13:21	FePeak.c/s=8		7.5	H.Ang=35deg XEN=926403
UVSP	13:13			Wavelength=2788A	A Code=02	Exp #=96939	Rast=240"x240" Rast=180"x1"	Step=15 Step=0"	Cad= 262s Pitch=+318'	1.024s/pixel ",Yaw=+244"
Event 89/09/	t # = 23275 9/21,14:50 Start	DOY=264	End times							
GOES BCS FCS	14:45 14:53	14:50 14:55	14:55 15:06	Importance=C2 CaPeak.c/s=40	Qual=05 Qual= 5	FePeak=14:55	FePeak.c/s=7	#Peaks=1	dt= 3.8s	XEN=926404
UVSP	14:44			Wavelength=2788A	A Code=00	Exp #=96941	kast=U"xU" Rast=180"x1"	Step=0"	Cad=3840s Pitch=+334"	3840s/pixel ', Yaw=-70"
Event 89/09/	# = 12083 /21,19:39	DOY=264		SMM Pointing:	S26E04		Pitch=+469", Yaw	, Yaw=+236", Rol	, Roll=-20deg	H.Ang=33deg
Optica GOES	·—		(all )	HaClass=1F	\$27E03	AR5698	Mac.=EKC	Carr.Lon.=221deg	=221deg	H.Ang≖34deg
HXRBS BCS BCS	19:26:41 19:29	19:36:58 19:38	19:43:14 20:02	Importance-m2 Peakc/s=431 CaPeak.c/s=1056	Qual=03 Qual=01 Qual= 1	Tot Cts=49157 FePeak=19:37	MaxkeV=232 FePeak.c/s=257	#Peaks=1	dt= 7.7s	XEN=926405
UVSP Radio	19:34	Tvne/I		Wavelength=1375A (	\ Code=00	Exp #=96950	Rast=180"x180" Rast=20"x30"	Step=10" Step=1"	Cad= 332s 1 Pitch=+518",	1.024s/pixel ',Yaw=+216"
Radio	Frequency (MHz)/Flux(sfu)	:y (MHZ)/F		245/880 410/170	606/180 1415/81	415/81 2695/80 4 Event # = 12084	995/170 8800/190	15400/140		
HXRBS UVSP	19:58:20 19:52	19:58:27 19		eakc/s=53 √avelength=1375	Qual=01	Tot Cts=18073 Exp #=96952	Tot Cts=18073 Maxkev=102 Exp #=96952 Rast=30"x30"	 Step=5"	 Pitch=+514"	., Yaw=+234"
Fvent	# - 1208E				89/09/22	2 D0Y=265				
89/09/	89/09/22,02:18 Start	DOY=265 Peak	Fnd times	SMM Pointing:	S26E01		Pitch=+485", Yaw=	, Yaw=+190", Roll=-20deg	1=-20deg	H.Ang=33deg
Optica GOES				HaClass=SF	\$25W00	AR5698	Mac.=EKC	Carr.Lon.=220deg	=220deg	H.Ang=32deg
HXRBS	02:17:34 01:41	02:18:09	02:18:49	Peakc/s=34 Wavelength=1375A		Tot Cts=173 Exp #=96962	MaxkeV=102 Rast=70"x70"	Step=5"	Pitch=+505"	, Yaw=+175"
Event 89/09/	# = 23276 22,03:13 Start	DOY=265 Peak	Fnd times				•			
60ES BCS FCS	03:13	03:13	03:16	CaPeak.c/s=21	Qual=00 Qual= 4	FePeak=03:13			dt= 7.7s	XEN=926500
UVSP	03:10			Wavelength=1375A		Exp #=96963	Kast=180"×180" Rast=265"×265"	Step=10" Step=5"	Cad= 332s 1 Pitch=+520",	1.024s/pixel ', Yaw=-78"

89/09/22,03:38	DOY=265	-	SMM Pointing:	S26W00		Pitch=+513", Yaw	, Yaw=-90", Roll:	,Roll=10deg	H.Ang=33deg
Start prical	Peak	mes	Class=SF	\$23W05	AR5698	Mac.=EKC	Carr.Lon.	=225deg	H.Ang=30deg
OES 03:33 XRBS 03:38:2 CS 03:36	03:38 1 03:38:30 03:38	03:40 03:38:45 03:40	Importance=t3 Peakc/s=45 CaPeak.c/s=63	Qual=01 Qual=01 Qual= 1	Tot Cts=166 FePeak=03:36	MaxkeV=102 FePeak.c/s=21	#Peaks=1 C+en=15"	dt= 3.8s	XEN=926501
FCS UVSP 03:35 Radio Sweeps Radio Freque	03:35 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=1375A III/3 245/160 410/190 6	Code=00 606/150	Exp #=96969	Rast=20"x30"		car 2023 Pitch=+462	1.0243/plac
Event # = 12087 89/09/22,04:39 Start	17 00Y=265 Peak	End times	SMM Pointing:	S26W01		Pitch=+494", Yaw	, Yaw=+167", Rol	, Roll=-20deg	H.Ang=33deg
GOES HXRBS 04:38:4 UVSP 04:41	:46 04:39:06	6 04:39:24	Peakc/s=48 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=295 Exp #=96972	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+501"	", Yaw=+180"
Event # = 1208 89/09/22,05:20	18 ) DOY=265		SMM Pointing:	S26W01		Pitch=+494", Yaw	, Yaw=+167", Rol	, Roll=-20deg	H.Ang=33deg
Start 60ES 05:17 HXRBS 05:17:35 BCS 05:18	75 05:19 05:20 05:18:20 05:19	65:19:45 05:23 05:19:45 05:24	Importance=C2 Peakc/s=55 CaPeak.c/s=32	Qual=01 Qual=01 Qual= 1	Tot Cts=1170 FePeak=05:18	MaxkeV=102 FePeak.c/s=15 Das+=240"<240"	#Peaks=1 C+on=15"	dt= 7.7s (ad= 262c	XEN=926502
VSP 05:18			Wavelength=1375A	Code=00	Exp #=96980	Rast=30"x30"		Pitch=+520	", Yaw=+148"
Event # = 12089 89/09/22,06:30	39 ) DOY=265	1	SMM Pointing:	\$26W02		Pitch=+498", Yaw	, Yaw=+156", Rol	, Roll=-20deg	H.Ang=33deg
Start ptical		Ĕ	HaClass=SN	\$29W01	AR5698	Mac.=EKC	Carr.Lon.=219deg	=219deg	H.Ang=36deg
06:25 06:25 06:26	.37 06:26:3 06:31	38 06:28:40 07:00	<pre>Importance=c5 ) Peakc/s=1951 CaPeak.c/s=195</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=22640 FePeak=06:29	MaxkeV=275 FePeak.c/s=43	Flags=M5 #Peaks=1 c+op=1E	dt= 3.8s	XEN=926503
UVSP 06:03 Radio Sweeps	06:03 Type/Intensity		Wavelength=2788A (III/2	Code=01	Exp #=96982	Rast=180"x1" Ste		cau - 2023 Pitch=+377 7260	", Yaw=+87"
Event # = 23277 89/09/22,13:03	77 3 DOY=265	1 6							The state of the s
Start 60ES BCS 13:03	7eg 13:	13:05	CaPeak.c/s=18	Qua]=00 Qua]= 5	FePeak=13:03	FePeak.c/s=9		dt= 7.7s	XEN=926504
CS IVSP 13:05			Wavelength=2788A		Exp #=96991	Kast=240"x240" Rast=180"x1"	Step=15 Step=0"	cad= 202s Pitch=+396",	1.0245/p1xe1 ",Yaw=+33"
Event # = 23278 89/09/22,13:51 Start	78 1 DOY=265 Peak	5 End times							
GOES BCS 13:50	13:51	13:59	CaPeak.c/s=26	Qual=00 Qual= 5	FePeak=13:51	FePeak.c/s=8	#Peaks=1	dt= 7.7s	XEN=926505
JVSP 13:43			Wavelength=2788A		Exp #=96992	Rast=180"x1"			", Yaw=+29"

17:04 17:04 17:04 17:04 17:04 17:04 17:05 17:04 17:05 17:04 17:05 17:04 17:05 17	S26W07 Pitch=+525", Yaw=+76", Roll=-20deg	eg H.Ang=34deg
DOY=265  DOY=265  Beak	Tot Cts=2408 MaxkeV=102 FePeak.c/s=55 #Peaks=1	55
DOY=265  Peak  HaClass=SF S25W06  HaClass=SF 18:43  18:43  18:43  18:43  18:44: 18:47  Importance=C2 Qual=G3  18:41:23  18:41:41 PeakC/s=41 Qual=G1 Tot Ct 18:43  18:42: 18:51 CaPeak.c/s=59 Qual=G1 Tot Ct 18:53:31  DOY=265  DOY=265  End times  DOY=266  End times  DOY=266  End times  DOY=266  End times  DOY=266  DOY=266  End times  SMM Pointing: S26W09 Qual=G1 Tot Ct Wavelength=1375A Qual=G1 Tot Ct Wavelength=2788A Qual=G1 Tot Ct	Rast=240"x240" Step=15"   Exp #=96996	Cad= 262s
HaClass=SF S25W06 AR HaClass=SF N23W63 AR HaClass=SF N23W63 AR HaClass=SF N23W63 AR HaClass=SF N23W63 AR HaClass=SF N23W63 IB:41:41:41 PeakC/s=41 Qual=01 Tot Ct Capeak.c/s=59 Qual=01 Tot Ct Gapeak.c/s=390 Qual=01 Tot Ct Qual=01:29 20:02:05 Peakc/s=390 Qual=01 Tot Ct Wavelength=1375A End times SMM Pointing: S26W09 Peak End times SMM Pointing: S32W08 Qual=01 Tot Ct Wavelength=2788A Qual=01 Tot Ct Wavelength=2788A Qual=01 Tot Ct Wavelength=2788A Qual=01 Tot Ct Wavelength=2788A Qual=01 Tot Ct Wavelength=2788A Qual=01 Tot Ct Wavelength=2788A Qual=01 Tot Ct Wavelength=2788A Qual=01 Tot Ct Wavelength=2788A Qual=01 Tot Ct Qual=06 Qual=06 Qual=06	Pitch=+530",Yaw≖+63",Roll=-20deg	eg H.Ang=34deg
18:41:23 18:41		eg H.Ang≈33deg eg H.Ang=62deg
Wavelength=2788A Code=00 Exp #=  18:53:31 18:53:35 Peakc/s=41 Qual=01 Tot Ct  DOY=265 SMM Pointing: S26W09  Peak End times SMM Pointing: S32W08  DOY=266 End times SMM Pointing: S32W08  DOY=266 End times SMM Pointing: S32W08  DOY=266 End times SMM Pointing: NO7W00  DOY=266 End times SMM Pointing: NO7W00  DOY=266 End times SMM Pointing: NO7W00  DOY=266 SMM Pointing: NO7W00  DOY=266 End times SMM Pointing: NO7W00  DOY=266 Qual=01 Tot Ct. Wavelength=2788A Qua	Tot Cts=153 MaxkeV=102 FePeak=18:42 FePeak.c/s=16 #Peaks=1	3.8s XEN=926507
DOY=265 SMM Pointing: S26W09 Peak 20:01:29 20:02:05 Peakc/s=390 Qual=01 Tot Wavelength=13/5A Exp  BOY=266 End times  DOY=266 End times  DOY=266 End times  SMM Pointing: NO7W00 Peak  DOY=266 SMM Pointing: NO7W00 Peak  DOY=266 SMM Pointing: NO7W00 Peak  DOY=266 SMM Pointing: NO7W00 Peak  Exp  DOY=266 Qual=06  Oual=06  Peak  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06  Oual=06	Rast=240"x240" Step=15" Exp #=97000 Rast=39"x39" Step=3" d Event # = 12092	Cad= 262s 1.024s/pixel Pitch=+475",Yaw=+155" 
20:01:29 20:02:05 Peakc/s=390 Qual=01 Tot Wavelength=13/5A B9/09/23  DOY=266 End times SMM Pointing: S32W08  DOY=266 End times SMM Pointing: NO7W00  Peak End times SMM Pointing: NO7W00  DOY=266 SMM Pointing: NO7W00  DOY=266 Qual=01  DOY=266 Qual=01  Avvelength=2788A Exp  Qual=06  Qual=06  Qual=06	Pitch=+534", Yaw=+52", Roll=-20deg	eg H.Ang=34deg
DOY=266	Tot Cts=1267 MaxkeV=860 Exp #=97001 Rast=265"x265"	Flags=NS,GB Step=5" Pitch=+542",Yaw=+64"
DOY=266         SMM Pointing:         S32W08           Peak         Qual=00           04:00:04 04:00:20         Peakc/s=84 Qual=01           DOY=266         SMM Pointing:         NO7W00           Peak         End times         Qual=06           DOY=266         Qual=06         Qual=06           Peak         End times         SMM Pointing:         N70E82           Peak         End times         Qual=06	~	
04:00:04 04:00:20 Peakc/s=84 Qual=00  DOY=266 Mavelength=2788A  DOY=266 End times  DOS:46:52 06:46:58 Peakc/s=68 Qual=01  Mavelength=2788A  Mavelength=2788A  Qual=01  DOY=266  SMM Pointing: N70E82  Peak End times	Pitch=+600", Yaw=+100", Roll=-20deg	leg H.Ang=39deg
DOY=266 End times SMM Pointing: NO7W00 Peak End times Qual=06 O6:46:52 O6:46:58 Peakc/s=68 Qual=01 Wavelength=2788A DOY=266 End times SMM Pointing: N70E82 Peak End times Qual=06	Tot Cts=467 MaxkeV=144 Exp #=97033 Rast=180"x1" Step=0"	Pitch=+480",Yaw≖-45"
06:46:52 06:46:58 Peakc/s=68 Qual=01 Wavelength=2788A D0Y=266 SMM Pointing: N70E82 Peak End times Qual=06	Pitch=+0", Yaw=+0", Roll=-20deg	H.Ang=0deg
DOY=266 SMM Pointing: N70E82 Peak End times Qual=06	Tot Cts=177 MaxkeV=102 Exp #=97036 Rast=243"x243" Step=3"	Pitch=+7",Yaw=+13"
0/ua]=06	Pitch=-956", Yaw=+0", Roll=-20deg	H.Ang=81deg
	Tot Cts=161 MaxkeV=102 Exp #=97037 Rast=243"x243" Step=3"	Pitch=-949",Yaw≖+13"

Event # 89/09/2	Event # = 12097 89/09/23,08:34	DOY=266	End +	SMM Pointing:	S26W15		Pitch=+565", Yaw	, Yaw=-39", Roll=	, Roll=-20deg	H. Ang=36deg
GOES HXRBS (UVSP (	3talt 08:34:08 08:30	08:34:18	;; 8	Peakc/s=40 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=118 Exp #=97045	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+584",	, Yaw≖-111"
Event # = 12098 89/09/23,09:00	= 12098 3,09:00	DOY=266	Fnd + impo	SMM Pointing:	S26W15		Pitch=+565", Yaw	, Yaw=-39", Roll:	, Roll=-20deg	H.Ang=36deg
Optical	30.EC	, can	,		N29W74	AR5694	Mac.=CA0	Carr.Lon.=278deg	=278deg	H.Ang=73deg
HXRBS (UVSP (Radio St	08:57:45 08:57:45 08:51 Sweeps	28	:00 :58:23 09:00:07 Type/Intensity:	importance-c4 Peakc/s=62 Wavelength=1375A II/2	Qual=01 Qual=01 Code=00	Tot Cts=1492 Exp #=97049	MaxkeV=144 Rast=30"x30"	Step=5"	Pitch=+590"	, Yaw=-114"
12.50	t # = 23279 9/23,12:55 Start	D0Y=266 Peak	End times							
GOES BCS	12:52	12:55	13:00	CaPeak.c/s=29	Qual=00 Qual= 2	FePeak=12:53	FePeak.c/s=7		dt= 7.7s	XEN=926600
_	12:39			Wavelength=2788A		Exp #=97068	Rast=240 x240 Rast=180"x1"	Step=13 Step=0"	=_	1.0245/pixel ,/aw=+113"
Event # 89/09/2	= 12099 3,13:35	D0Y=266		SMM Pointing:	S26W18		Pitch=+576", Yaw=-73", Roll=-20deg	r=-73", Roll:	=-20deg	H.Ang=37deg
GOES HXRBS BCS	Start 13:29 S 13:30:45 13:32		13:44 13:33:31 13:41	Importance=C3 Peakc/s=44 CaPeak.c/s=45	Qua]=04 Qua]=02 Qua]= 8	Tot Cts=1186 FePeak=13:32	MaxkeV=102 FePeak.c/s=9	Flags=SA #Peaks=1	dt= 3.8s	XEN=926601
	13:33 Frequen	3:33 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 245/94	Code=00	Exp #=97069	Kast=240"x240" Rast=180"x1"		.ad= 252s Pitch=+457"	1.024s/plxel ",Yaw=+106"
Event # 89/09/2	: # = 12100 1/23,21:59 Start	DOY=266	Fnd times	SMM Pointing:	S26W23		Pitch=+597", Yaw=-140"	v=-140", Rol	, Roll=-20deg	H.Ang=40deg
GOES HXRBS UVSP	21:58:44 22:01	21:59:12	21:5	Peakc/s=37 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=198 Exp #=97088	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+603"	', Yaw=-127"
Event # 89/09/2	= 12101 3,22:45		ישיי + סמן	SMM Pointing:	S26W23		Pitch=+597", Yaw=-140", Roll=-20deg	v=-140", Rol	1=-20deg	H.Ang=40deg
GOES HXRBS BCS	5.4rt 22:30 5.22:30:50 22:31	22:45 22:33:0 22:39	23:18 9 22:35:04 22:41	Importance=C4 Peakc/s=50 CaPeak.c/s=152	Qual=03 Qual=01 Qual= 2	Tot Cts=2174 FePeak=22:38	MaxkeV=102 FePeak.c/s=33		dt= 3.8s X	XEN=926602
	22:38 Frequen	2:38 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A 245/210	Code=00	Exp #=97096	Rast=30"x30"	Step=10	cau- 3323 Pitch=+627'	1.0243/PIACI

					AC100100	100×2007				111111111111111111111111111111111111111
Ven	# = 12102				7/60/60					
/60/68	24,04:51 Start	DOY=267	Fnd times	SMM Pointing:	S26W26		Pitch=+609", Yaw	, Yaw=-184", Rol	, Roll=-20deg	H.Ang≖42deg
GOES HXRBS BCS FCS	04:44 5 04:44:35 04:47	04:51 04:45:05 04:50	04:57 04:45:43 04:58	Importance=C2 Peakc/s=59 CaPeak.c/s=63	Qual=03 Qual=01 Qual= 1	Tot Cts=828 FePeak=04:47	MaxkeV=102 FePeak.c/s=13	Flags=M5 #Peaks=1	dt= 3.8s	XEN=926700
UVSP Radio	04:46 Frequen	04:46 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A 8800/35 15400/65	Code=00	Exp #=97132	kast=240"x240" Rast=30"x30"		Cad= 262s	1.024s/pixel ",Yaw=-241"
Event 89/09/	Event # = 12103 89/09/24,05:58 Start	DOY=267 Peak	End times	SMM Pointing:	S26W27		Pitch=+612", Yaw	, Yaw=-194", Roll	, Roll=-20deg	H.Ang=42deg
GOES HXRBS UVSP	05:57:48 05:56			Peakc/s=49 Wavelength=1375A	Qua]=06 Qua]=01	Tot Cts=295 Exp #=97137	MaxkeV=102 Rast=10"x10"	Step=0"	Pitch=+647"	", Yaw=-219"
Event 89/09/	Event # = 12105 89/09/24,08:21 Start	DOY=267	End times	SMM Pointing:	S26W29		Pitch=+620", Yaw	, Yaw=-215", Roll	, Roll=-20deg	H.Ang=43deg
Optica	1 08:06	08:21	}	HaClass=SF	\$29W28	AR5698	Mac.=EKC	Carr.Lon.=219deg	=219deg	H.Ang=45deg
HXRBS UVSP	08:42:50 08:32 Frequen	08:42:50 08:43:14 08:43:2 08:32 Frequency (MHz) /Flux (sfu)	<b>.</b>	Peakc/s=41 Wavelength=2788A	Qual=01	Tot Cts=216 Exp #=97151	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+497"	', Yaw=-28"
HXRBS	08:40:14	08:40:23 08:40:3		Peakc/s=36 (	sociated Qual=01	Event # = 12104 Tot Cts=184			1	1 1 1 1 1 1 1
Event 89/09/	Event # = 22619 89/09/24,08:44 Start	DOY=267 Peak	End times							
GOES BCS FCS	08:41	08:44	08:47	CaPeak.c/s=65	Qual=00 Qual= 8	FePeak=08:43	FePeak.c/s=11		dt= 3.85	XEN=926701
UVSP	08:32			Wavelength=2788A		Exp #=97151	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+497"	1.024s/pixel ",Yaw=-28"
Event 89/09/2	# = 12106 3/24,09:11 Start	D0Y=267 Peak	End times	SMM Pointing:	S26W29		Pitch=+620", Yaw	,Yaw=-215",Roll	, Roll=-20deg	H.Ang≈43deg
GOES HXRBS BCS	09:09:04 09:10	09:09:15 09:11	09:10:33 09:15	Peakc/s=54 CaPeak.c/s=41	Qual=05 Qual=01 Qual= 1	Tot Cts=521 FePeak=09:11	MaxkeV=102 FePeak.c/s=15		dt= 7.7s	XEN=926702
UVSP	09:27			Wavelength=2788A		Exp #=97152	Kast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 2625 I Pitch=+499",	1.024s/p1xel ",Yaw=-34"
Event #89/09/2	t # = 12107 9/24,09:31 Start	DOY=267 Peak	End times	SMM Pointing:	S26W29		Pitch=+620", Yaw	, Yaw=-215", Roll	, Roll=-20deg	H.Ang=43deg
GOES HXRBS BCS	09:29:37 09:29	09:29:44 09:31	09:30:01 09:34	Peakc/s=44 CaPeak.c/s=39	Qua]=00 Qua]=01 Qua]= 3	Tot Cts=179 FePeak=09:31	MaxkeV=102 FePeak.c/s=10		dt= 7.7s	XEN=926703
UVSP	09:27			Wavelength=2788A		Exp #=97152	Kast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+499",	1.024s/p1xel ",Yaw=-34"

Event 89/09/	; # = 12108 1/24,14:06	D0Y=267	,	SMM Pointing:	S26W31		Pitch=+627", Yaw	, Yaw=-245", Roll	, Roll=-20deg	H.Ang=45deg	1
GOES HXRBS BCS	Start 14:04:33 .14:06	reak 14:04:47 14:06	End 14:0 14:0	Peakc/s=53 CaPeak.c/s=21	Qual=00 Qual=01 Qual= 4	Tot Cts=363 FePeak=14:06	MaxkeV=144 FePeak.c/s=8 Dact=240"x240"	#Peaks=1 Sten=15"	dt= 7.7s X Cad= 262s 1	XEN=926704	
rcs UVSP Radio	14:01 Frequenc	4:01 Frequency(MHz)/Flux(sfu)	lux(sfu):	Wavelength=2788A 15400/50		Exp #=97158	Rast=180"x1"		Pitch=+508"	, Yaw=-65"	
Event 89/09/	t # = 23280 9/24,15:34 Start	D0Y=267 Peak 15.34	End times	[moortance=C2	0ual=05			l .			
ECS UVSP	15:35 15:34			Capeak.c/s=26 Wavelength=2788A	Qual = 5 Code=02	FePeak=15:35 Exp #=97160	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s X Cad= 262s 1 Pitch=+510",	XEN=926705 1.024s/pixel ',Yaw=-75"	
	# = 23281 /24,16:35 Start	D0Y≖267 Peak	End times								
GOES BCS FCS	16:34	16:35		ູ້ອ	Qua]=00 Qua]= 4	ak=16	FePeak.c/s=7 Rast=240"x240"	#Peaks=2 Step=15"	dt= 7.7s Cad= 262s	XEN=926706 1.024s/pixel	
UVSP	16:12			Wavelength=2/88A		Exp #=9/161	Kast=180"XI"	o=daic	F1 CCH=#201 LA	, raw=-/3	į
Event 89/09/	t # = 12111 9/24,18:00 Start	DOY=267 Peak		SMM Pointing:	S26W33		Pitch=+635", Yaw	, Yaw=-275", Rol	, Roll=-20deg	H.Ang=46deg	
GOES HXRBS UVSP		18:00 17:59:01	m	Importance=C6 (Peakc/s=1257 (Wavelength=2788A (	Jual = 0	Tot Cts=26463 Exp #=97163	MaxkeV=322 Rast=180"x1"	Step=0"	Pitch=+514"	', Yaw≖-89"	
Radio		Frequency(MHz)/Flux(sfu)	,	245/8000 2695/58 As	1995/9 sociat	3800/150 15400/1 Event # = 12109	1			1 1 1 1 1	,
X B		17:50:03 17: 17:52:31 17:	17:50:03 17:50:33 	Peakc/s=64 (Seak)	Qual=0 sociat Qual=0	<pre>1 Tot Cts=1168 MaxkeV=102 ed Event # = 12110 1 Tot Cts=13467 MaxkeV=188</pre>	MaxkeV=102 MaxkeV=188	Flags=M5	,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•
Event 89/09/	# = 23282 '24, 20:21	D0Y=2	1								1
GOES	Start 19:24 19:26	20:21 19:26	20:32 19:28	Importance=C3 CaPeak.c/s=20	Qua]=03 Qua]= 4	FePeak=19:26	FePeak.c/s=7		dt= 7.7s	XEN=926708	
FCS UVSP	19:39			Wavelength=2788A	Code=00	Exp #=97167	Rast=240"x240" Rast=39"x39"	Step=3"	Ξ.	", Yaw=-207"	
					89/09/25	5 D0Y=268					
Event 89/09/	t # = 12113 9/25,01:50	D0Y=268	, de	SMM Pointing:	S26W37		Pitch=+647",Yaw	, Yaw=-319", Rol	, Roll=-20deg	H.Ang≖49deg	
Optica	Start 1) 01.36	reak	S E		\$30W37	AR5698	Mac.=EKC	Carr.Lon.	=218deg	H.Ang=51deg	
HXRBS BCS BCS	01:47:26 01:48	01:37:45 01:51	01:48:00 01:56	Peakc/s=68 CaPeak.c/s=44	Qual=01 Qual= 1	Tot Cts=367 FePeak=01:51	MaxkeV=102 FePeak.c/s=14	#Peaks=1 C+en=15"	dt= 3.8s X	XEN=926800	
UVSP	01:47			Wavelength=1375A	Code=00	Exp #=97199	Rast=30"x30"		Pitch=+668'	", Yaw=-389"	

1 1 1						
", Yaw=-388"	H.Ang≈49deg ", Yaw≈-400"	H.Ang=50deg	XEN=926801 1.024s/pixel ', Yaw=-180"	XEN=926802 1.024s/pixe1 ", Yaw=-190"	=-20deg H.Ang=55deg Pitch=+549", Yaw=-227"	H.Ang=57deg , Yaw=-425"
Pitch=+668"	',Roll=-20deg ==M5 Pitch=+676"	]]=-20deg Pitch=+683"	dt= 7.7s X Cad= 332s 1 Pitch=+538",	dt= 7.7s Cad= 262s Pitch=+540	]]=-20deg Pitch=+549'	]=-20deg H.Ang=57de  Pitch=+683", Yaw=-425"
Step*5"	,Yaw=-329",Rol Flags=M5 ;" Step=5"	W=-339", Ro Step=0"	#Peaks=1 Step=10" Step=0"	#Peaks=1 Step=15" Step=0"	w=-408", Ro Step=0"	,Yaw=-431",Roll*-20deg 65" Step=5" Pitch=+
MaxkeV=188 Rast=30"x30" MaxkeV=102 MaxkeV=102	Pitch=+649", Ya MaxkeV=102 Rast=30"x30"	Pitch=+652", Yaw=-339", Roll=-20deg MaxkeV=102 Rast=10"x10" Step=0" Pitch=+	FePeak.c/s=13 Rast=180"x180" Rast=180"x1"	FePeak.c/s=6 Rast=240"x240" Rast=180"x1"	Pitch=+669", Yaw=-408", Roll=-20deg MaxkeV=102 Rast=180"x1" Step=0" Pitch=+	Pitch=+674", Ya MaxkeV=102 Rast=265"x265"
Event # = 12112 Tot Cts=1469 Exp #=97197 Event # = 12114 Tot Cts=241 Event # = 12115 Tot Cts=197	Tot Cts=3842 Exp #=97210	Tot Cts=85 Exp #=97219	FePeak=08:11 Exp #=97232	FePeak=09:57 Exp #=97234	For Cts=150 PExp #=97243 F	Tot Cts=687 P Exp #=97250 R
Qual=01 Ssociated Qual=01 Ssociated Qual=01 Qual=01 Qual=01	\$26W38 Qual=03 Qual=01 Code=00	S26W39 Qual=00 Qual=01	Qua]=00 Qua]= 4	Qua]=00 Qua]= 4	\$26W45 Qual=00 Qual=01	\$26W47 Qual=04 Qual=01 1 Code=02 E
Peakc/s=49 Wavelength=1379 	SMM Pointing: Importance=M1 Peakc/s=68 Wavelength=1375A	SMM Pointing: Peakc/s=42 Wavelength=1375A	CaPeak.c/s≈22 Wavelength≈2788A	CaPeak.c/s=20 Wavelength=2788A	SMM Pointing: Peakc/s=35 Wavelength=2788A	SMM Pointing: Importance=C6 Peakc/s=41 Wavelength=1375A
01:38:11 01:39:33 01:48:49 01:49:06 01:50:50 01:51:03	End times 03:58 03:15:14	End times 05:19:23	End times 08:24	End times 09:59	End times 16:58:15	End times 21:38 21:24:02
01:38:11	D0Y=268 Peak 03:38	DOY=268 Peak 05:19:16	DOY=268 Peak 08:12	00Y=268 Peak 09:57	DOY=268 Peak 16:57:59	DOY=268 Peak 21:26 21:22:53
01:36:51 01:37 01:48:24 01:50:22	Event # = 12116 89/09/25,03:38 1 Start 60ES 03:03 HXRBS 03:09:54 (UVSP 03:30	3/25,05:19 Start 5 05:19:05	Event # = 23283 89/09/25,08:12 Start GOES BCS 08:10 FCS 08:24	Event # = 23284 89/09/25,09:57 Start GOES BCS 09:57 FCS 09:54	Event # = 12118 89/09/25,16:57 Start GOES HXRBS 16:57:42 UVSP 16:39	Event # = 12119 89/09/25,21:26 Start GOES 21:17 HXRBS 21:21:33 UVSP 21:27
HXRBS UVSP HXRBS HXRBS	Event 89/09/ 60ES HXRBS UVSP	Event 89/09/ GOES HXRBS UVSP	Event 89/09/ 60ES BCS FCS UVSP	Event 89/09/ 60ES BCS FCS UVSP	Event 89/09/ GOES HXRBS UVSP	Event 89/09/; GOES HXRBS UVSP

	5,23:06	07=268		SMM Pointing:	S26W48		Pitch=+676", Yaw	, Yaw 441", Rol	, Roll=-20deg	H.Ang=57deg
HXRBS BCS	Start B 23:00 22 23:03 2	eak 23:06 23:00:43 23:05	End times 23:11 23:01:40 23:18	നപര	Qual=01 Qual=01 Qual= 1	Tot Cts=1193 FePeak=23:03	MaxkeV=102 FePeak.c/s=20		dt= 3.8s X	XEN=926803
UVSP UVSP	23:01			Wavelength=1375A	Code=00	Exp #=97261	Rast=100 X100 Rast=30"x30"	Step=5"	Pitch=+646'	1.02+3/PIACI ,Yaw=-521"
Event # 89/09/2 GOES BCS	t # = 23285 9/25,23:25 Start 23:25	DOY≂268 Peak 23:25	End times 23:27	CaPeak.c/s=22	Qua]=00 Qua]= 4	FePeak=23:25	FePeak, C/s=8	1	dt= 7.7s	XEN=926804
FCS UVSP	23:24			Wavelength=1375A		Exp #=97265	Kast=240"X240" Rast=30"x30"	Step=15" Step=5"	.dd= <025 1 Pitch=+652",	1.024s/pixei ", Yaw=-522"
Event #89/09/2	Event # = 12121 89/09/25,23:46	D0Y=268	:	SMM Pointing:	S26W48		Pitch=+676", Yaw	, Yaw=-441", Rol	,Roll=-20deg	H.Ang=57deg
Optical	Start		ES ES	HaClass=1F	\$13E78	AR5708	Mac.=CA0	Carr.Lon.=91deg	≠91deg	H.Ang=80deg
HXRBS	23:39 23:40:31	23:46 23:42:48	23:48:53	Importance=m3 Peakc/s=1123	Qual=03 Qual=01	Tot Cts=1.13E+5	MaxkeV=275	Flags=I		Dur=240sec
UVSP	23:35		00.54.63	Wavelength=1375A	Code=00	Exp #=97267	Rast=30"x30"	Step=5"	Pitch=+647	Pitch=+647", Yaw=-523"
					89/09/56	5 D0Y=269				
	: # = 23286 1/26,02:00 Start	D0Y=269 Peak	End times		0					
BCS BCS	05:00	05:00	02:03	CaPeak.c/s=19	(ual=00 (ual= 5	FePeak=02:00	FePeak.c/s=6	#Peaks=1	dt= 7.7s X	XEN=926900
UVSP	02:01			Wavelength=1375A		Exp #=97277	Rast=265"x265"	Step=5"	Pitch=+688	", Yaw=-449"
Event # 89/09/2	t # = 23287 9/26,02:23 Start	DOY=269 Peak	End times	7010000	010584	A DE 700		מט	=114400	H Ann=55dea
60ES BCS	02:21	02:23	02:25	oeak.c/s=	Qual=00 Qual= 4	55	FePeak.c/s=12	#Peaks=1		XEN=926901
FCS UVSP	02:16			Wavelength=1375A		Exp #=97281	Kast=240"x240" Rast=30"x30"	Step=15 Step=5"	cad= 262s 1 Pitch=+650",	1.024s/p1xe1 ", Yaw=-532"
Event #89/09/2	# = 12122 /26,05:17 Start	D0Y=269 Peak	End times	SMM Pointing:	S26W52		Pitch=+682", Yaw	, Yaw=-471", Roll=-20deg	1=-20deg	H. Ang=60deg
GOES HXRBS UVSP	05:17:27 05:09	05:17:49	_	Peakc/s=73 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=648 Exp #=97297	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=+708", Yaw=-492	", Yaw=-492"
Radio Radio	Sweeps Frequen	eeps Type/Intensity Frequency(MHz)/Flux(sfu)		111/2 245/1100 410/28 606/60	09/909					

Event # = 12123 89/09/26,05:20 Start	123 20 DOY=269 Peak	9 End times	SMM Pointing:	S26W52		Pitch=+682", Yaw=-471", Roll=-20deg	=-471", Rol	1=-20deg	H.Ang=60deg
GOES HXRBS 05:19:01 UVSP 05:09	:01 05:20:04		Peakc/s=47 Wavelength=1375A	Qual≠00 Qual=01	Tot Cts=420 Exp #=97297	MaxkeV=144 Rast=10"x10"	Step=0"	Pitch=+708"	", Yaw=-492"
Event # = 23288 89/09/26,06:29 Start Optical Optical GOES 06:21 BCS 06:33	29 D0Y=269 29 Peak Peak 06:29	9 End times 06:36 06:55	HaClass=SF HaClass=SF Importance=C5 Cabear c/c=30	\$26W61 \$26W61 Qual=05	AR5698 AR5698 Febrar = 06.33	Mac.=EKC	Carr.Lon.=226deg Carr.Lon.=226deg	=226deg =226deg	H. Ang=68deg H. Ang=68deg
FCS UVSP 06:36		)	Wavelength=1375A	Code=02	Exp #=97304	Rast=180"x180" Rast=265"x265"	Step=10" Step=5"	Cad= 332s Pitch=+692	
Event # = 12124 89/09/26,07:26 Start	124 26 D0Y=269 Peak	End times	SMM Pointing:	S26W53		Pitch=+685", Yaw=-482", Roll=-20deg	=-482", Rol	1=-20deg	H.Ang=61deg
GOES HXRBS 07:13 BCS 07:13 FCS	:49 07:14 07:26	:02 07:14:49 07:28	Peakc/s=54 CaPeak.c/s=65	Qual=00 Qual=01 Qual= 2	Tot Cts=307 FePeak=07:14	MaxkeV=102 FePeak.c/s=12	#Peaks=1	dt= 7.7s	XEN=926903
UVSP 07:20			₩avelength=1375A		Exp #=97312	Rast=10"x10"	Step=10	rad= 3328 Pitch=+660"	1.024s/pixel ', Yaw=-552"
Event # = 12126 89/09/26,08:59 Start	126 59 DOY=269 Peak	End times	SMM Pointing:	S26W54		Pitch=+686", Yaw	, Yaw=-492", Roll=-20deg	]=-20deg	H.Ang=62deg
`m	08:59		HaClass=SN Importance=C5	\$23W58 0ual=03	AR5698	Mac.=EKC	Carr.Lon.=222deg	=222deg	H.Ang=64deg
HXRBS 08:57:06 UVSP 08:51 Radio Frequency	8:57:06 08:57:39 08:58:1 8:51 Frequency(MHz)/Flux(sfu)	<b>~</b>	Peakc/s=161 Wavelength=2788A 245/920	Qual=01 Code=00	Tot Cts=2153 Exp #=97314	MaxkeV=144 Rast=180"x1"	Flags=I Step=0"	Pitch=+566"	, Yaw=-310"
HXRBS 08:54:29	:29 08:54:39		Peakc/s=43	Associated Qual=01	Event # = 12125 Tot Cts=120	MaxkeV=102	Flags=I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 12129 89/09/26,10:19 Start	129 19 D0Y=269 Peak	End times	SMM Pointing:	S26W55		Pitch=+688", Yaw	, Yaw=-502", Roll	, Roll=-20deg	H.Ang=63deg
Optical GOES 10:15	10:19	10:22	HaClass=1N Importance=C4	\$23W58 0ual=01	AR5698	Mac.=EKC	Carr.Lon.=221deg	=221deg	H.Ang=64deg
HXRBS 10:15:14 UVSP 10:24 Radio Sweeps	:14 10:15:20 Type/In	0 10:15:52 Intensity:		Qual=01 Code=02	Tot Cts=637 Exp #=97316	MaxkeV=188 Rast=180"x1"	Step=0"	Pitch=+567", Yaw=-317"	, Yaw=-317"
Radio Frequent HXRBS 10:18	Frequency(MHz)/Flux(sfu): 10:18:14 10:18:21 10:18:28	t e	5/1000 akc/s=54	Associated Qual=01	Event # = 12130 Tot Cts=136	MaxkeV=102	•	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Event 89/09/	Event # = 12131 89/09/26,10:25	D0Y=269		SMM Pointing:	S26W55		Pitch=+688", Yav	, Yaw=-502", Roll=-20deg	1=-20deg	H.Ang=63deg
Optica	Start	Peak	End times	HaClass=SF	S13E75	AR5708	Mac.=BX0	Carr.Lon.=88deg	=88deg	H.Ang=77deg
GOES HXRBS UVSP Radio		10:24:48 10:25:08 10:25:32 10:24 Frequency(MHz)/Flux(sfu):	10:25:32 lux(sfu):	Peakc/s=53 Wavelength=2788A 1415/300	(ual=00 (ual=01	Tot Cts=324 Exp #=97316	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+567"	', Yaw=-317"
Event 89/09/	Event # = 12127 89/09/26,11:53	DOY=269	Fnd + imes	SMM Pointing:	S26W55		Pitch=+688", Ya	, Yaw=-502", Roll=-20deg	]=-20deg	H.Ang=63deg
Optica		3 0		HaClass≖SF	\$25W54	AR5698	Mac.=EKC	Carr.Lon.=216deg	=216deg	H.Ang=61deg
HXRBS UVSP Radio Radio		1:52:35 11:53:14 11:54:2: 1:55 eeps Type/Intensity Frequency(MHz)/Flux(sfu)	∞	Peakc/s=583 C Wavelength=2788A III/2 V/2 245/3000	Qual=01	Tot Cts=3229 Exp #=97318	MaxkeV=232 Rast=180"x1"	Flags=M5 Step=0"	Pitch=+569"	', Yaw=-324"
Event 89/09/	Event # = 12128 89/09/26,12:42	DOY=269	-	SMM Pointing:	S26W55		Pitch=+688", Yaw=-502"	w=-502", Rol	, Roll=-20deg	H. Ang=63deg
Optica	Start	Peak	End times	HaClass=SF	\$27W55	AR5698	Mac.=EKC	Carr.Lon.=217deg	=217deg	H.Ang=63deg
GOES HXRBS UVSP		12:42 12:45 :52 12:39:16 12:41	12:45 12:41:42	Importance=C8 Peakc/s=266 Wayelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=5308 Exp #=97319	MaxkeV=188 Rast=180"x1"	Step=0"	Pitch=+569"	', Yaw=-327"
Radio	Sweeps Frequent	eeps lype/Intensity Frequency(MHz)/Flux(sfu)	ntensity: lux(sfu):	410/480 606/190 1	1415/83 20	480 606/190 1415/83 2695/38 4995/32				
Event 89/09/	# = 12132 26,17:19	D0Y=269		SMM Pointing:	S26W58		Pitch=+692", Yaw=-523", Roll=-20deg	W=-523", Rol	1=-20deg	H.Ang=65deg
GOES HXRBS BCS	Start 60ES 16:30 HXRBS 16:31:01 BCS 16:34	reak 17:19 16:31:52 16:35	.nu crimes (7:48 (6:32:59 (6:38	Importance=C6 Peakc/s=184 CaPeak.c/s=51	Qual=02 Qual=02 Qual= 4	Tot Cts=4359 FePeak=16:34	MaxkeV=232 FePeak.c/s=12		dt= 3.8s	XEN=926904
	17:07 Sweeps Type/Intensity	Type/II	••	Wavelength=2788A Code=00	Code=00	#=9732 <b>5</b>	Rast=180"x1"	Step=10	~~	", Yaw=-347"
Rad 10	Frequenc   17:38:03   18:02	cy(MHZ)/F 	10	245/250 500/70 49 	4995/43 660U/51 Associated Even Qual=03 Tot A	4995/43 66UU/31 Associated Event # = 12133 Qual=03 Tot Cts=1880 A	MaxkeV=188 Rast=180"x1"	Flags=ES Step=0"	 Pitch=+573"	
Event 89/09/	Event # = 23289 89/09/26,18:08 Start	D0Y=269 Peak	End times		00a1=00					
SSS SS SSS SS	18:07	18:08	18:10	CaPeak.c/s=24 Wavelength=2788A	Qual= 8	FePeak=18:08 Exp #=97326	FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+573	XEN=926905 1.024s/pixel ",Yaw=-350"

Event #89/09/2	f = 12134 26, 19:02	D0Y=269		SMM Pointing:	S26W59		Pitch=+693", Yaw	, Yaw=-533", Rol	, Roll=-20deg	H.Ang=66deg
GOES HXRBS BCS FCS	Start 18:52 5 18:52:18 18:47	Peak 19:02 18:53:06 19:00	End times 19:12 18:55:46 19:18	Importance=C6 Peakc/s=114 CaPeak.c/s=252	Qual=01 Qual=01 Qual= 1	Tot Cts=3375 FePeak=18:59	MaxkeV=144 FePeak.c/s=49	#Peaks=1 c+ea-10=	S C	XEN=926906
UVSP	18:40			velength=2788	Code=01 sociated	Exp #=97327 Event # = 12135	Rast=180"x1"	Step=0"	·	1.0243/pixel ', Yaw=-353" 
	18:58:59		18:59:30 19:00:00	Peakc/s=37		Tot Cts=235	MaxkeV=102			
	# = 23290 3/26,20:32 Start	D0Y=269 Peak	End times							
BCS FISS	20:29	20:32	20:37	CaPeak.c/s=30	Qual=00 Qual= 1	FePeak=20:32	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=926907
	20:11			Wavelength≠2788A		Exp #=97329	Rast=180"x1"			', Yaw=-359"
Event # 89/09/2	: # = 12136 3/26,20:45 Start	D0Y=269 Peak	End times	SMM Pointing:	S26W60		Pitch=+695", Yaw=-543", Roll=-20deg	=-543", Rol	]≖-20deg	H.Ang=67deg
GOES HXRBS UVSP Radio	20:45:04 21:05 Frequence	20:45:04 20:45:13 20:45:28 21:05 Frequency(MHz)/Flux(sfu):	,	Peakc/s=39 (Wavelength=2788A 410/57	Qual=00 Qual=01	Tot Cts=125 Exp #=97330	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+575'	Pitch=+575", Yaw=-363"
Event # 89/09/2	# = 23291 /26,20:53	D0Y=269	1							
GOES	20:52	redk 20:53	20:54	CaPeak.c/s=25	Qual=03 Qual= 2	FePeak=20:52	FePeak.c/s=7		dt= 7.7s	XEN=926908
	21:05			Wavelength=2788A		Exp #=97330	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"		1.024s/p1xel ",Yaw=-363"
Event # 89/09/2	1	DOY=269	4	SMM Pointing:	S26W61		Pitch=+439", Yaw=-772", Roll=2deg	=-772", Rol	]=2deg	H.Ang=68deg
GOES HXRBS UVSP	21:54 21:54:37 22:01	22:02 21:54:58	22:08 21:55:23	Importance=C4 Peakc/s=39 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=210 Exp #=97332	MaxkeV=102 Rast=39"x39"	Step=3"	Pitch=+461", Yaw=-657	', Yaw=-657"
Event # 89/09/2 Optical	:# = 23292 1/26,23:30 Start :al	D0Y=269 Peak	End times	Code=DSF	S16W43			Carr. Lon. = 199deg	=199deg	H. Ang=48deg
GOES BCS FCS UVSP	23:29 23:29	23:30	23:36	CaPeak.c/s=26 Wavelength=1375A	Qual=00 Qual≖ 4	FePeak=23:30 Exp #=97334	FePeak.c/s=7 Rast=240"x240" Rast=70"x70"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+376"	XEN=926909 1.024s/pixel ", Yaw=-832"

					76/00/68	7 DOY=270				
Event #	= 12139									
89/09/2	_	DOY=270	End + impo	SMM Pointing:	S26W61		Pitch=+439", Yaw	, Yaw=-772", Rol	, Roll=2deg	H.Ang=68deg
GOES HXRBS BCS	00:00 00:00 00:00	00:11 00:08:59 00:09	00:11:00 00:17	Importance=C4 Peakc/s=64 CaPeak.c/s=117	Qual=03 Qual=01 Qual= 1	Tot Cts=3687 FePeak=00:09	MaxkeV=144 FePeak.c/s=18	Flags=M5 #Peaks=1	dt= 3.8s	XEN=927000
UVSP	23:29 Sweeps	Tvne/I	Tvne/Intensity:	Wavelength=1375A 111/3	Code=00	Exp #=97334	Rast=100 x100 Rast=70"x70"	Step=10 Step=5"	Pitch=+376",	1.0245/pixe:
HXRBS (Radio S	00:03:51 Sweeps		. 100	Peakc/s=37 III/1	Associated Qual=01	Event # = 12138 Tot Cts=198	MaxkeV=102		1	
Event # 89/09/2	Event # = 12140 89/09/27,01:08	DOY=270		SMM Pointing:	S26W63		Pitch=+697", Yaw	, Yaw=-562", Rol	, Roll=-20deg	H.Ang≈69deg
Optical	3.tdr.t	76ak 01.00	Elia Cilles	HaClass=1N	\$20E61	AR5708	Mac.=CS0	Carr.Lon.≃94deg	=94deg	H.Ang≖66deg
HXRBS UVSP Radio S	00:59:26 01:01 Sweeps	010	01:04:59 01:04:59 Itensity:	Importance-co Peakc/s=55 Wavelength=1375A III/2 V/1	Qual=01 Qual=01 Code=00	Tot Cts=3008 Exp #=97337	MaxkeV≈102 Rast=10"x10"	Step=0"	Pitch=+657"	", Yaw=-627"
Event # = 1214 89/09/27,03:13	= 12141 7,03:13	DOY=270	# PGU	SMM Pointing:	S26W63		Pitch=+697", Yaw	, Yaw=-562", Rol	, Roll=-20deg	H. Ang*69deg
GOES HXRBS UVSP	3tart 03:13:36 03:07	03:13:50		Peakc/s=122 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=565 Exp #=97352	MaxkeV=188 Rast=30"x30"	Step=5"	Pitch=+663"	", Yaw=-634"
Event # 89/09/2	t # = 23293 9/27,03:53 Start	D0Y=270 Peak	End times	1						
GOES BCS FCS	03:46 03:58	03:53 03:58	03:59 04:05	Importance=C3 CaPeak.c/s=21	Qua]=05 Qua]= 5	FePeak=03:58	FePeak.c/s=6	#Peaks=1 C+en=15"	dt= 7.7s X	XEN=927001
	04:01			₩avelength=1375A	Code=02	Exp #=97353	Rast=265"x265"	Step=5"	Pitch=+706	", Yaw=-561"
	: # = 23294 3/27,04:30 Start	D0Y=270 Peak	End times		-					
BCS	04:25	04:30	04:52	CaPeak.c/s=30	Qual=00 Qual≃ 1	FePeak=04:26	FePeak.c/s=13	#Peaks=1	dt= 7.7s	XEN=927002
	04:26			Wavelength=1375A		Exp #=97359	Rast=30"x30"		Pitch=+678"	", Yaw=-624"
Event # 89/09/2	t # = 23295 9/27,05:37 Start	D0Y=270 Peak	End times							
GOES	05:30		05:42	CaPeak.c/s=25	Qual=06 Qual= 4	FePeak=05:31	FePeak.c/s=7		dt= 7.7s	XEN=927003
	05:37			Wavelength=1375A		Exp #=97364	Rast=180"×180" Rast=30"×30"	Step=10" Step=5"	cad= 332s 1 Pitch=+663",	1.024s/p1xe! ", Yaw=-643"

Event #89/09/2	Event # = 23296 89/09/27,06:08 Start	D0Y=270 Peak	End times							
60ES BCS FCS	05:47	90:90	06:24	CaPeak.c/s=66	Qual=06 Qual= 1	FePeak=06:00	FePeak.c/s=13			XEN=927004
UVSP	05:58			Wavelength=1375A		Exp #=97368	Rast=30"x30"	Step=10 Step=5"	rdu= 3328 1 Pitch=+663",	1.0245/plxe1 ", Yaw=-650"
Event # 89/09/2	Event # = 12142 89/09/27,06:21 Start	D0Y=270 Peak	Fnd times	SMM Pointing:	S26W64		Pitch=+699", Yaw	, Yaw=-574", Rol	, Roll=-20deg	H.Ang=71deg
GOES HXRBS UVSP		06:21:55	06:22:04	Peakc/s=40 Wavelength=1375A	Qual=06 Qual=01	Tot Cts=48 Exp #=97370	MaxkeV=102 Rast=30"x30"	Step=5"	Pitch=+663'	Pitch=+663", Yaw=-640"
Event # 89/09/2	Event # = 12143 89/09/27,07:24 Start	D0Y=270	Fod + imps	SMM Pointing:	S26W66		Pitch=+700", Yaw=-584", Roll=-20deg	=-584", Rol	]±-20deg	H.Ang=72deg
GOES HXRBS* BCS	GOES HXRBS* 07:22:23 ( BCS 07:24	07:22:32 07:24	07:50	Peakc/s=71 CaPeak.c/s=20	Qua]=00 Qua]=01 Qua]= 4	Tot Cts=183 FePeak=07:24	MaxkeV=62 FePeak.c/s=12		dt= 7.7s	XEN=927005
UVSP	07:20			Wavelength=1375A		Exp #=97375	Rast=240 x240 Rast=30"x30"	Step=15	Lad= 2525 1 Pitch=+664",	1.0245/p1xe! ", Yaw=-649"
Event #89/09/2 60ES	t # = 23297 9/27,07:34 Start	D0Y=270 Peak	End times		00al=00					
SSS	07:29	07:34	07:37	CaPeak.c/s=20	Qual= 4	FePeak=07:34	FePeak.c/s=12 Dast=180"v180"	#Peaks=1	dt= 7.7s X	XEN=927006
	07:31			Wavelength=1375A		Exp #=97377	Rast=30"x30"		Pitch=+664'	1.024s/PIXEI
	: # = 23298 3/27,07:48 Start	D0Y=270 Peak	End times		-					
FCS SES	07:47	07:48	07:55	CaPeak.c/s=24 Wayelength=1375A	Qual=00 Qual= 4	FePeak=07:47	FePeak.c/s=6 Rast=180"x180" Dast=30"<30"	#Peaks=1 Step=10" Step=5"	dt= 7.7s Cad= 332s Di+ch=+664	XEN=927007 1.024s/pixel
Fvent	= 23299					5	200	7.ch-7	100	000
89/09/2 60ES BCS FCS	9/27, 11:18 Start 09:55 10:05	DOY=270 Peak 11:18 10:05	End times 12:24 10:09	Importance=C5 CaPeak.c/s=26	Qua]=02 Qua]= 6	FePeak=10:05	FePeak.c/s=4 Rast=240"x240"	#Peaks=1 Step=15"	dt≖ 3.8s Cad= 262s	XEN=927008 1.024s/pixel
Event # 89/09/2	Event # = 12144 89/09/27,15:33 Start	D0Y=270 Peak	End times	SMM Pointing:	S26W76		Pitch=+700", Yaw=-636", Roll=-20deg	=-636", Rol	l=-20deg	H. Ang=80deg
GOES HXRBS* BCS FCS	15:31:54 15:33	15:32:20 15:33	15:3 15:3	Peakc/s=81 CaPeak.c/s=34	Qual=00 Qual=01 Qual= 1	Tot Cts=554 FePeak=15:33	MaxkeV=62 FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=927009
UVSP	15:27			Wavelength=2788A		Exp #=97389	Rast=180"x1"	1	Pitch=+579"	, Yaw=-453"

			_	_ ;	
XEN=927010 1.024s/pixel ", Yaw=-454"	H.Ang=82deg , Yaw=-900"	H.Ang=82deg XEN=927011 1.024s/pixe1 ", Yaw=-900"	XEN=927012 1.024s/pixel ",Yaw=-704"	H.Ang=83deg XEN=927013 1.024s/pixe1 ', Yaw=-706"	H.Ang=83deg ', Yaw=-709"
dt= 3.8s X Cad= 262s 1 Pitch=+579",	,Roll=2deg	,Roll=2deg s=1 dt= 7.7s 10" Cad= 332s 5" Pitch=+373"	dt= 7.7s Cad= 332s Pitch=+671"	,Roll=-20deg H =M5 s=1 dt= 7.7s X 10" Cad= 332s I 5" Pitch=+670",	,Roll=-20deg   5" Pitch=+665"
#Peaks=1 Step=15" Step=0"	,Yaw=-880",Rol	=-880" *Peak Step= Step=	#Peaks=1 Step=10" Step=5"	Flags #Peak Step= Step= Step=	w=-685" Step=
FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	Pitch=+360", Ya MaxkeV=232 Rast=110"x200"	Pitch=+360", Yaw MaxkeV=369 FePeak.c/s=41 Rast=180"x180" Rast=110"x200"	FePeak.c/s=20 Rast=180"x180" Rast=110"x200"	Pitch=+662", Yaw MaxkeV=322 FePeak.c/s=29 Rast=110"x200" 15400/82 MaxkeV=102 Rast=265"x265"	Pitch=+662", Yan MaxkeV=102 Rast=110"x200"
FePeak=16:16 Exp #=97390	Tot Cts=1992 Exp #=97397	Tot Cts=2501 FePeak=21:02 Exp #=97397	FePeak=22:41 Exp #=97404	Tot Cts=75288 FePeak=00:03 Exp #=97411 4995/81 8800/32 Event # = 12147 Tot Cts=162 Exp #=97410	D0Y=271  Tot Cts=153  Exp #=97420
Qual=00 Qual=5	\$23W79 Qual=00 Qual=01	\$23W79 Qual=00 Qual=01 Qual= 1	Qua]=00 Qua]= 5	S23W80 Qual=01 Qual=01 Qual=1 Code=00 2695/130 Ssociated Qual=01	89/09/28 S23W80 Qual=00 Qual=01
CaPeak.c/s=55 Wavelength≖2788A	SMM Pointing: Peakc/s=116 Wavelength=1375A	SMM Pointing: Peakc/s=169 CaPeak.c/s=298 Wavelength=1375A 15400/64	CaPeak.c/s=160 Wavelength=1375A	SMM Pointing: Importance=M2 Peakc/s=1477 CaPeak.c/s=236 Wavelength=1375A 606/2500 1415/62 Peakc/s=37 Wavelength=1375A	SMM Pointing: Peakc/s=38 Wavelength=1375A
End times 16:33	End times 21:02:21	6 es	End times 23:14	End times 00:05 00:00:33 00:46 ux(sfu):	End times 01:55:53
DOY=270 Peak 16:15	D0Y=270 Peak	= 12145 ,21:03 DOY=270 tart Peak End tim 0:59:31 20:59:51 21:00:3 0:48 21:03 21:42 0:54 Frequency(MHz)/Flux(sfu)	D0Y=270 Peak 22:26	DOY=270 Peak 23:59 1 23:53:18 00:04 ICY(MHz)/F1	D0Y=271 Peak 2 01:55:36
Event # = 23300 89/09/27,16:15 Start GOES 16:13 FCS UVSP 16:03	vent # = 12146 9/09/27,21:01 Start 0ES XRBS 21:01:20 VSP 20:54	*C 22 2	Event # = 23301 89/09/27,22:26 Start GOES BCS 22:20 FCS 22:26	#C 2000 0 100	Event # = 12149 89/09/28,01:55 Start GOES HXRBS 01:55:22 UVSP 01:46
Event 89/09/ 60ES BCS FCS UVSP	Event 89/09/ GOES HXRBS UVSP	Event 89/09/ 89/09/ GOES HXRBS HXRBS BCS FCS UVSP Radio	Event 89/09/ 60ES BCS FCS UVSP	Event 89/09/ 60ES HXRBS BCS FCS UVSP Radio	Event 89/09/ GOES HXRBS UVSP

Event 89/09/	Event # = 12150 89/09/28,02:12 Start	DOY=271	Fnd times	SMM Pointing:	S23W80		Pitch=+662", Yaw	, Yaw=-685", Roll	, Roll=-20deg	H.Ang=83deg
GOES HXRBS BCS FCS UVSP	02:10:10 01:22 02:05	02:10:46 02:12		Peakc/s=51 CaPeak.c/s=140 Wavelenoth=1375A	Qual=03 Qual=01 Qual= 2	Tot Cts=306 FePeak=02:12 Exp #=97422	Maxkev=102 FePeak.c/s=18 Rast=180"x180" Rast=110"x200"	#Peaks=3 Step=10" Steb=5"	dt= 7.7s ) Cad= 332s Pitch=+669"	XEN=927100 1.024s/pixel ".Yaw=-709"
Event 89/09/ 60ES BCS FCS UVSP	Event # = 23303 89/09/28,03:08 Start GOES BCS 02:55 FCS UVSP 03:01	D0Y=271 Peak 03:08	End times 03:49	eak.c/s=58	Qual=00 Qual= 4	FePeak=03:12 Exp #=97425	FePeak.c/s=12 Rast=180"x180" Rast=110"x200"	#Peaks=2 Step=10" Step=5"	dt= 7.7s ) Cad= 332s ) Pitch=+655",	XEN=927101 1.024s/pixe1 ", Yaw=-720"
Event 89/09/	Event # = 12151 89/09/28,03:36	D0Y=271	-	SMM Pointing:	S22W83		Pitch=+651", Yaw	,Yaw=-701",Roll=-20deg	l*20deg	H.Ang=86deg
Optica GOES	) start 1] 03:33	Peak 03:36	ŝ		\$21E80 0ual=01	AR5712	Mac.=CKO	Carr.Lon.=61deg	•61deg	H. Ang=83deg
HXRBS UVSP Radio	03:32:43 03:34 Frequen	03:32:43 03:33:12 03:35:1: 03:34 Frequency(MHz)/Flux(sfu)	<b>~</b>	Peakc/s=349 Wavelength=1375A 606/51	Qual=01 Code=00	Tot Cts=3227 Exp #=97428	MaxkeV=232 Rast=265"x265"	Step=5"	Pitch=+658",	', Үаw=-688"
Event 89/09/	Event # = 12152 89/09/28,04:27 Start	D0Y=271 Peak	End times	SMM Pointing:	\$22W83		Pitch=+651", Yaw=-701", Roll=-20deg	701", Roll	*-20deg	H.Ang=86deg
GOES HXRBS BCS FCS UVSP	04:25:13 04:27 04:28	04:25:38 04:27	04:26:06 05:04	Peakc/s=62 CaPeak.c/s=63 Wavelength=1375A	(ual=01 (ual=01 (ual= 5	Tot Cts=434 FePeak=04:27 Exp #=97432	MaxkeV=144 FePeak.c/s=11 Rast=180"x180" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 3.8s X Cad= 332s 1 Pitch=+658",	XEN=927102 1.024s/pixel ", Yaw=-688"
Event 89/09/	Event # = 12153 89/09/28,05:07 Start	D0Y=271 Peak	End times	SMM Pointing:	S22W83		Pitch=+651", Yaw=-701", Roll=-20deg	701", Roll	1=-20deg	H.Ang=86deg
GOES HXRBS UVSP	05:07:12 05:05	05:07:29		Peakc/s=35 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=111 Exp #=97436	MaxkeV=144 Rast=265"x265"	Step=5"	Pitch≖+658"	', Yaw≂-688"
Event 89/09/	Event # = 12154 89/09/28,05:20 Start	D0Y=271 Peak	End times	SMM Pointing:	S22W83		Pitch=+651", Yaw=-701", Roll=-20deg	=-701", Roll	=-20deg	H.Ang=86deg
GOES HXRBS BCS FCS UVSP	05:18:20 05:19 05:07	05:19:03 05:20	05:20:19 05:21	Peakc/s=43 CaPeak.c/s=30 Wavelength=1375A	Qual=00 Qual=01 Qual= 2	Tot Cts=828 FePeak=05:20 Exp #=97437	MaxkeV=102 FePeak.c/s=9 Rast=240"x240" Rast=110"x200"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+665"	XEN=927103 1.024s/pixel ", Yaw=-720"
	The second secon									

Event # = 23304 89/09/28,06:08 Start GOES BCS 06:04 FCS UVSP 06:04	DOY=271 Peak 06:08	End times 06:16	CaPeak.c/s=39 Wavelength=1375A	Qua]=06 Qua}= 1	FePeak=06:08 Exp #=97442	FePeak.c/s=9 Rast=180"x180" Rast=10"x10"	#Peaks=1 Step=10" Step=0"	dt= 7.7s Xi Cad= 332s 1 Pitch=+655",	XEN=927104 1.024s/pixel ", Yaw=-700"
Event # = 12155 89/09/28,06:45 [ Start F GOES HXRBS 06:43:58 ( UVSP 06:45	D0Y=271 Peak 3 06:45:02	End times 06:45:14	SMM Pointing: Peakc/s=58 Wavelength=1375A	\$22W83 Qual=06 Qual=01	Tot Cts=755 Exp #=97448	Pitch=+651", Yaw=-701", Roll=-20deg MaxkeV=144 Rast*10"x10" Step=0" Pitch=+	=-701",Roll	]=-20deg Pitch=+675'	=-20deg H.Ang=86deg Pitch=+675", Yaw=-680"
Event # = 12156 89/09/28,08:23 Start GOES HXRBS 08:23:28 UVSP 07:33 Radio Sweeps	DOY=271 Peak 3 08:23:46 Type/Iu	DOY=271 Peak End times 08:23:46 08:23:56 Type/Intensity:	SMM Pointing:  Peakc/s=54 Wavelength=2788A	S22W83 Qual=02 Qual=01	Tot Cts=143 Exp #=97449	Pitch=+651",Yaw=-701",Roll=-20deg MaxkeV=102 Rast=243"x243" Step=3" Pitch=+	=-701",Roll	]=-20deg Pitch=+658'	=-20deg H.Ang=86deg Pitch=+658",Yaw=-688"
Event # = 12617 89/09/28,09:52 Start GOES 09:46 HXRBS 09:46:06 BCS 09:49 FCS 09:48	D0Y=271 Peak 09:52 09:49:02 09:50	End times 09:59 09:56	SMM Pointing: Importance=C7 Peakc/s=48 CaPeak.c/s=293 Wavelength=2788A	\$22W83 Qual=03 Qual=11 Qual= 1 Code=00	Tot Cts=1350 FePeak=09:50 Exp #=97451	Pitch=+651", Yaw=-701", Roll=-20deg MaxkeV=102 Flags=I, DG FePeak.c/s=61 #Peaks=1 dt= 3.8 Rast=180"x180 Step=10" Cad= 33 Rast=180"x1" Step=0" Pitch=+	=-701", Rol Flags=1, Di #Peaks=1 Step=10" Step=0"	s 28 530	H.Ang=86deg XEN=927105 1.024s/pixel ", Yaw=-516"
Event # = 23305 89/09/28,10:33 Start GOES 10:33 FCS 10:25 UVSP 10:25	5 D0Y=271 Peak 10:33	End times 10:34	CaPeak.c/s=26 Wavelength=2788A	Qual=00 Qual= 6	FePeak=10:33 Exp #=97452	FePeak.c/s=8 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s X Cad=3840s Pitch=+530",	XEN=927106 3840s/pixel ", Yaw=-516"
Event # = 12618 89/09/28,11:14 Start GOES HXRBS 11:11:36 BCS 11:12 FCS 11:18 UVSP 11:18	= 12618 8,11:14 DOY=271 Start Peak End time: 11:11:36 11:11:46 11:11:57 11:12 11:14 11:17 11:18 Frequency(MHz)/Flux(sfu):	End times 11:11:57 11:17 11:17	Peakc/s=54 CaPeak.c/s=24 Wavelength=2788A 15400/78	Qual=00 Qual=01 Qual= 1	Tot Cts=234 FePeak=11:12 Exp #=97453	MaxkeV=102 FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	Flags=I #Peaks=I Step=15" Step=0"	dt= 7.7s X Cad= 262s 1 Pitch=+530",	xEN=927107 1.024s/pixel ", Yaw=-516"

Event # = 12157 89/09/28,12:48 Start	157 48 DOY=271 Peak	l End times							
GOES HXRBS 12:46 BCS 12:47	12:46 12:48		Peakc/s=35 CaPeak.c/s=27	Qual=01 Qual=01 Qual= 1	Tot Cts=133 FePeak=12:48	MaxkeV=102 FePeak.c/s=7		dt= 7.7s	XEN=927108
12:50			₩avelength=2788A		Exp #=97455	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+530",	1.024s/pixel ",Yaw=-516"
Event # = 12159 89/09/28,13:48 Start	159 48 DOY=271 Peak	l End times	:				No.		
	13:48	13:53	HaClass=1B Importance=M4	\$19 <b>E8</b> 5 Qual=02	AR5712	Mac.=CKO	Carr.Lon.=50deg	=50deg	H.Ang=88deg
HXRBS 13:44:16 J UVSP 13:27 Radio Sweeps Radio Frequency	:16 13:44:5 Type/ uency(MHz)/	13:44:16 13:44:58 13:45:12 13:27 weeps Type/Intensity: Frequency(MHz)/Flux(sfu):	Peakc/s=189 Wavelength=2788 III/2 V/2 606/150 2695/71	Qual=03 Code=01		MaxkeV=275 Rast=180"x1"	Flags=ES Step=0"	Pitch=+530"	", Yaw=-516"
HXRBS 13:41	:23 13:41:5		Peakc/s=36	Associated Qual=01			r 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
13:37	13:37	13:44	CaPeak.c/s=18	Associated Qual= 5	Event # = 2330b FePeak=13:37	FePeak.c/s=7 Rast=240"x240"	 #Peaks=1 Step=15"	dt= 7.7s Cad= 262s	xen=927109 1.024s/pixel
				89/09/59	9 DOY=272				
t # = 12. 9/29,00:4	160 42 DOY=272 Bask	# TCG	SMM Pointing:	S15E84		Pitch=-69", Yaw=+955", Roll=-20deg	+955", Roll=	20deg	H.Ang=86deg
GOES 00:25 HXRBS 00:53:39 C UVSP 00:40	.39 00:53:50 (	00:54:11	Importance=C9 Peakc/s=35 Wavelength=1375A	Qual=05 Qual=01 Code=00	Tot Cts=133 Exp #=97482	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=-61"	, Yaw=+968"
Event # = 12161 89/09/29,01:08	161 08 DOY=272 08 Dost		SMM Pointing:	S15E84		Pitch=-69", Yaw=+955", Roll=-20deg	+955", Roll=	20deg	H.Ang=86deg
GOES JUIL HXRBS 01:08:06 UVSP 01:01	01:08:1	_	Peakc/s=74 Wavelength=1375A	Qual=03 Qual=01	Tot Cts=959     Exp #=97485	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+16"	, Yaw=+1001"
Event # = 12162 89/09/29,02:40	162 10 00Y=272 9635		SMM Pointing:	S16E52		Pitch=+58", Yaw=+799"	+799", Roll=	, Roll=-20deg	H.Ang=57deg
GOES 32 CH C C C C C C C C C C C C C C C C C C	22	. 02: <b>4</b>	Peakc/s=39 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=143 Exp #=97492	MaxkeV=102 Rast=110"x200"	Step=5"	Pitch=+113"	", Yaw=+843"
Event # = 1216 89/09/29,05:17 Start	163 17 DOY=272 Deat	Fnd times	SMM Pointing:	S16E51		Pitch=+64", Yaw=+789", Roll=-20deg	-789", Roll=	20deg	H.Ang=56deg
GOES CELL C HXRBS 05:17: UVSP 05:15	0		Peakc/s=51 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=517 Exp #=97504	MaxkeV=102 Rast=265"x265"	Step=5"	Pitch=+74",Yaw=+797"	, Yaw=+797"
							and the second		

Peak	Event # 89/09/29	# = 12164 1/29,05:21	D0Y=272	1	SMM Pointing:	S16E51		Pitch=+64", Yaw=+789"	+789", Roll=-20deg		H.Ang=56deg
12156   DOY-272   Continues   SHM Pointing:   S16E49   Pitch-+75", Yaw-+769", Roll20deg   Pitch-+75", Yaw-+769", Roll20deg   Pitch-+75", Yaw-+769", Roll20deg   Pitch-+15", Vaw-+769", Roll20deg   Pitch-+10", [0:14]   DOY-272	GOES HXRBS C UVSP C		реак 05:21:07	05:2	SA SA	Qual=00 Qual=01		MaxkeV=102 Rast=110"x200"		Pitch=+121",	Yaw=+830"
13.33   10.00   10.0	ven1	= 12166 9,10:04	D0Y=27		Pointing	S16E49		Pitch≖+75", Yaw≕	-769", Roll=		I.Ang≂54deg
1133   1004-272   1145   115	GOES 1 HXRBS (UVSP 1	Start 10:00 39:59:44 10:14	Peak 10:04 10:00	End times 10:10 10:00:31	Importance=C4 Peakc/s=50 Wavelength=2788A	Qual=01 Qual=01	Cts=290 #=97521	MaxkeV=102 Rast=180"x1"		Pitch=-41",Y	/aw≈+689"
The state   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fig.   Feak   Fe	Event # 89/09/29	= 12165 9,11:33	D0Y=27	1	Pointing	S16E48		Pitch=+80", Yaw=	+759", Roll=		1.Ang=53deg
11:33	Optical	Start	reak 	End times	=LPS	S27W90	AR5698	Mac.=HKX	Carr.Lon.=		4. Ang=93deg
11:46   Frequency (HHz) / Flux(sfu): 245/6800 410/9000 606/3700 1415/5600 2695/6800 4995/18000 8800/15000 15400/6100   Frequency (HHz) / Flux(sfu): 245/6800 410/9000 606/3700 1415/5600 2695/6800 4995/18000 8800/15000 15400/6100   Frequency (HHz) / Flux(sfu): 245/6800 410/9000 606/3700 1415/5600 2695/6800 4995/18000 8800/15000 15400/6100   Frequency (HHz) / Flux(sfu): 245/6800 410/9000 606/3700 1415/5600 2695/6800 4995/18000 8800/15000 15400/6100   Frequency (HHz) / Flux(sfu): 245/6800 410/9000 606/3700 1415/5260 2695/8800 8800/6100   Frequency (HHz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (HHz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (HHz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (HHz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (HHz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (HHz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (HHz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 18400   Frequency (Hrz) / Flux(sfu): 245/600 410/50 606/	GOES HXRBS	10:47 11:33:13	11:33 11:33:14	13:26:33	rtance=X10 c/s=65630	Qual=04 Qual=14			Flags≖M5,E	N, IN, SA, IS	Jur=1260sec
# 12167	GRS UVSP Radio	11:33:00 11:46 Frequen	cy (MHz)/F	]ux(sfu):	Wavelength=2788A 245/6800 410/9000		2695	Rast=180"x1" /6800 4995/18000		Pitch=-37", 15400/6100	Yaw=+680"
Start   Peak   End times   Exp #=97528   Rast=180"x1   Step=0"   Pitch=-26",     Fast=2330	Event # 89/09/2	= 12167 9, 15:12	D0Y=272	-	1	S16E46		Pitch=+92", Yaw=-	+736", Roll=		H.Ang=51deg
# 23307   29,19:05   19:08   CaPeak.c/s=40   Qual=03   FePeak.c/s=9   FePeak.c/s=	HXRBS	Start 15:12:44 15:28	Peak 15:12:4	End time 15:12:58	Peakc/s=56 Wavelength=2788A	Qual=01	Tot Cts=165 Exp #=97528	MaxkeV=369 Rast=180"x1"	Flags=NS,G Step=0"	B Pitch=-26",	Yaw=+660"
19:01   19:05   19:08   CaPeak.c/s=40   Qual=03   FePeak=19:05   Rast=243"x243"   Step=0"   Cad=3840s   Step=0"   Cad=3840s   Step=0"   Cad=3840s   Step=0"   Cad=3840s   Start   Peak   Pask	Event # 89/09/2	= 23307 9,19:05 Start	DOY=27 Peak								
## 18:43  ## 18:		19:01			eak.c/s=40	Qual=03 Qual= 2	FePeak=19:05	FePeak.c/s=9		dt= 7.7s /	XEN=927200
# = 23308 29,19:22		7:					Exp #=97532	Rast=243"x243"		Pitch=+381"	, Yaw=+627"
19:18 19:22 19:26 Importance=C6 Qual=05 FePeak=19:29 FePeak.c/s=7 #Peaks=1 dt=7.7s	Event # 89/09/2	= 23308 9,19:22 Start	DOY=27 Peak						-		20 P. S. C. C. C. C. C. C. C. C. C. C. C. C. C.
# 12619   18:43   Wavelength=2788A Code=00 Exp #=97532   Rast=243"x243" Step=0" Cad=3840s     18:43		19:18	55	~;;;	HaClass=SF Importance=C6 CaPeak.c/s=26	\$15E29 Qual=05 Qual= 5	AR5/08 FePeak=19:29	Mac.=BXU FePeak.c/s=7		.7s	n. Ang-300eg XEN-927201
# = 12619  /29,20:52	FCS	18:43	١	)	Wavelength=2788A					Cad=3840s Pitch=+381"	3840s/plxel ,Yaw=+627"
Start Peak End Unites   Peak   20:52   20:56   Importance=C8   Qual=O1   Tot Cts=11900   MaxkeV=322   Flags=I   dt= 3.8s   20:48   20:52   20:56   Importance=C8   Qual=O1   Tot Cts=11900   MaxkeV=322   Flags=I   dt= 3.8s   20:48:28   20:49:20   20:51   21:01   CaPeak.c/s=211   Qual=O1   FePeak=20:51   FePeak.c/s=74   #Peaks=I   dt= 3.8s   20:50   20:51   Step=O1   Step=O1   Step=O1   Step=O1   Step=O1   Step=O1   Pitch=+382   20:51   Frequency(MHz)/Flux(sfu): 245/600 410/50 606/31   1415/32 2695/34 4995/98 8800/64 15400/34	Event # 89/09/2	= 12619 9,20:52	D0Y=27	9	SE SE	S16E42		Pitch=+375",Yaw	=+604", Roll		H.Ang=48deg
20:51 Rast=265"x265" Step=5" Pitch=+382 cfeequency(MHz)/Flux(sfu): 245/600 410/50 606/31 1415/32 2695/34 4995/98 8800/64 15400/34	GOES HXRBS BCS	Start 20:48 20:48:28 20:50	20:52 20:49 20:49	20:56 20:52:19 21:01	Cape	Qual=01 Qual=01 Qual= 1	Tot Cts=11900 FePeak=20:51	MaxkeV=322 FePeak.c/s=74		dt= 3.8s Cad=3840s	XEN=927202 3840s/pixel
	_	20:51 Frequen	ıcy (MHz)/I	Flux(sfu):	elength=1375 /600 410/50	Code=00 06/31 141	#=97537 2695/34	Rast=265"x265" 15/98 8800/64 154		Pitch=+382"	, Yaw=+613"

Start	Peak	End times							•
GOES BCS 21:49 ECS	21:52	22:02	CaPeak.c/s=37	Qual=01 Qual= 1	FePeak=21:52	FePeak.c/s=10		dt= 3.8s	XEN=927203
SP 21:50			Wavelength=1375A		Exp #=97542	Rast=0"x0" Rast=110"x200"	Step=0" Step=5"	Cad=3840s Pitch=+157",	3840s/pixel ',Yaw=+739"
Ant # = 1969	-			89/09/30	30 D0Y=273				
89/09/30,02:59 Start	00Y=273 Peak	End times	SMM Pointing:	S16E39		Pitch=+127",Yaw	, Yaw=+664", Roll=-20deg	1≖-20deg	H.Ang=45deg
Optical GOES 02:45	02:59	04:00	HaClass=2N		AR5712	Mac.=FHO	Carr.Lon.=79deg	=79deg	H.Ang≈42deg
HXRBS 02:44:05 BCS 02:36 FCS	5 02:49:14 02:56	03:01:11 03:13	Peakc/s=285 CaPeak.c/s=1456	Qual=01 Qual= 1	Tot Cts=56500 FePeak=02:55	MaxkeV=188 FePeak.c/s=525	Flags=I #Peaks=1	dt= 7.7s	XEN=927300
0,	Prequency (MHz)/Flux(sfu)	'	Wavelength=1375A 1415/48 2695/66	Code=00 4995/69 8	elength=1375A Code=00 Exp #=97572 5/48 2695/66 4995/69 8800/36 15400/40 Accordated Examt # = 22310		Step=1"	cad=3840s Pitch=+137",	3840s/plxel ,Yaw=+629"
03:51	03:5	04:44	CaP	Qual= 5	FePeak=03:59	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=927301
UVSP 03:54			Wavelength=1375A		Exp #=97575	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=3840s Pitch=+138",	3840s/pixel ',Yaw=+669"
Event # = 12621 89/09/30,05:56 Start	D0Y=273 Peak	End times	SMM Pointing:	S16E37		Pitch=+136", Yaw=+644", Roll=-20deg	=+644", Rol	1=-20deg	H. Ang=43deg
Ü	05:54:55 05:56:34 06:01:18 05:29		Peakc/s=94 Wayelength=1375A	Qual=06 Qual=01	Tot Cts=4520 Exp #=97585	MaxkeV=232 Rast=70"x70"	Flags=I Step=5"	Pitch=+210",Yaw=+622"	, Yaw=+622"
kadio Sweeps Radio Frequer	eeps   Iype/Intensity:   Frequency(MHz)/Flux(sfu):		111/1 410/19 2695/27 4	95/42	8800/58 15400/41				
Event # = 12622 89/09/30,06:07 Start	D0Y=273	Fnd times	SMM Pointing:	S16E37		Pitch=+136", Yaw=+644", Roll=-20deg	=+644", Ro]	1=-20deg	H. Ang=43deg
ical			HaClass≖SN	N15E62	AR5716	Mac.=CA0	Carr.Lon.=51deg	=51deg	H.Ang∗61deg
HXRBS 06:02:15 UVSP 05:29	06:07:39	06:12:34	Peakc/s=150 Wavelength=1375A	Qual=01	Tot Cts=16700 Exp #=97585	MaxkeV=232 Rast=70"x70"	Flags≖I Step≖5"	Pitch=+210", Yaw=+622"	, Yaw=+622"
Fvent # = 12168				89/10/01	1 DOY=274				
ڗػ؞ٚ	DOY=		SMM Pointing:	S16E27		Pitch=+355", Yaw=+424", Roll=Odeg	-+424", Rol]		H.Ang≈35deg
GOES 00:07 HXRBS 00:06:52 (UVSP 00:29	00:00	)	Importance=C7 Peakc/s=51 Wavelength=2788A	Qual=03 Qual=01 Code=00	Tot Cts=4674 Exp #=97615	MaxkeV=102 Rast=180"x1"	Step=0"	Pitch=+237",Yaw=+349"	, Yaw=+349"

somit pod							
		1	1		- 1	2 C P Q Q	1. A.A
Ha.		S19E05 Oual=03	AR5/08		Carr.Lon.=88deg		H.Ang=∠odeg
CaPe	CaPeak.c/s=21	Qual= 4	FePeak=18:20	FePeak.c/s=9	#Peaks=1	dt= 7.7s Cad=3840s	XEN=927400 3840s/nixel
Wave	length=2788A	Code=01	Exp #=97637	Rast=180"x1"	Step=0"		, Yaw=+207"
		89/10/02	D0Y=275				
		00-1	I				
CaPe	CaPeak.c/s=22	Qual≖00 Qual= 4	FePeak=01:50	FePeak.c/s=10 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=3840s	XEN=927500 3840s/pixel
Wave	length=2788A		Exp #=97647	Rast=180"x1"	Step=0"	Pitch=+246"	, Yaw=+142"
SE	Pointing:	S16E10		Pitch=+368", Yaw	, Yaw=+154", Roll=Odeg	1=0deg	H.Ang=25deg
<u>a</u> :	.Class=1F	\$16E05	AR5712	Mac.=FH0	Carr.Lon.=80deg	≖80deg	H.Ang=23deg
mpo eak ave	tance=M2 c/s=43  ength=137	Jual=02 Jual=11 Code=02	Tot Cts=209 Exp #=97664	MaxkeV=102 Rast=265"x265"	Flags=I,DG Step=5" F	6 Pitch=+375"	', Yaw=+157"
CaPe	ak.c/s=190	Associated Qual= 5	FePeak=09:48	FePeak.c/s=	#Peaks=1	dt= 3.85	EN=927501
Ð	ength=137				Step=5"	Pitch=+375",	', Yaw=+157"
CaPe	caPeak.c/s=28	Associated Qual= 5	Evenu # - 2314 FePeak=11:23	FePeak.c/s=5	#Peaks≖1 S+en=0"	dt= 7.7s	XEN=927502 3840s/pixel
Wave	length=1375A		Exp #=97667	Rast=70"x70"	Step=5"	Pitch=+375"	', Yaw=+144"
		89/10/03	1 D0Y=276	T. T. T. T. T. T. T. T. T. T. T. T. T. T			
Ha	.Class=SF	N28E76	AR5721	Mac.=DAO	Carr.Lon.=349deg	=349deg	H.Ang=75deg
CaPe	CaPeak.c/s=18	Qual= 4	FePeak=21:01	FePeak.c/s=6	#Peaks=1	dt= 0.5s X	XEN=927600
ave	Wavelength=2788A		Exp #=97724	Rast=180"x1"		Pitch=-259'	", Yaw=+810"
		89/10/04	t D0Y=277				
		00=[=10					
CaPe	ak.c/s=60	Qual= 4	FePeak=16:23	FePeak.c/s=11 Rast=180"x180"	#Peaks=1 Sten=10"	dt= 3.8s X Cad= 332s 1	XEN=927700 1.024s/pixel
Wave	Wavelength=2788A		Exp #=97748	Rast=243"x243"		Pitch=-384	", Yaw=+699"

Event 89/10/	Event # = 23317 89/10/04.16:57	D0Y=277								
	Start	Peak	End times							
BCS	16:57	16:57	17:06	CaPeak.c/s≈22	Qua]=00 Qua]= 5	FePeak=16:57	FePeak.c/s=5			XEN=927701
UVSP	16:25			Wavelength=2788A		Exp #=97748	Rast=240"x240" Rast=243"x243"	Step=15" Step=3"	Cad= 262s 1 Pitch=-384",	1.024s/pixel  ", Yaw=+699"
Event 89/10/	Event # = 12624 89/10/04,20:13 Start	D0Y=277 Peak	End times	SMM Pointing:	N28E53		Pitch=-390", Yaw=+676", Roll=Odeg	#=+676", Rol	-0deg	H.Ang=54deg
GOES HXRBS UVSP	20:13:12 20:11	20:13:22	:12 20:13:22 20:14:06	Peakc/s=38 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=324 Exp #=97753	MaxkeV=102 Rast=180"x1"	Flags=I Step=0"	Pitch≖-255"	", Yaw=+853"
ı					89/10/05	5 D0Y=278				
Event 89/10/	# = 121/0 05,03:26 Start	D0Y=278 Peak	End times	SMM Pointing:	N28E48		Pitch=-304", Yaw	, Yaw=+676", Roll=7deg	]=7deg	H.Ang=50deg
HXRBS UVSP	03:26:54 03:48	03:26:57	HXRBS 03:26:54 03:26:57 03:27:07 Pe	Peakc/s=38 Wavelength=2788A	Qual=01	Tot Cts=88 Exp #=97763	MaxkeV=633 Rast=180"x1"	Flags=NS, Step=0"	Flags=NS,GB Step=0" Pitch=-170",Yaw=+857	", Yaw=+857"
Event 89/10/(	Event # = 22454 89/10/05,03:33 Start	D0Y=278 Peak	End times							
GOES BCS FCS	03:15	03:33	03:53	CaPeak.c/s=115	Qua]=00 Qual= 3	FePeak=03:52	FePeak.c/s=14		dt= 7.7s	XEN=927800
UVSP	03:48			Wavelength=2788A		Exp #=97763	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=-170",	1.024s/pixel ",Yaw=+857"
Event 1 89/10/0	= 23318 5,07:04 Start	D0Y=278 Peak	End times							
Optical GOES (	06:32	07:04	07:45	HaClass=SF Importance=C4	N15E59 Qua]=02	-	-			H.Ang≖58deg
SS S	60:90	9.500	96:30	38A		FePeak=06:54 Exp #=97766	FePeak.c/s=6 Rast=240"x240" Rast=243"x243"	#Peaks=1 Step=15" Step=3"	dt= 7.7s Cad= 262s Pitch=-375	XEN=927801 1.024s/pixel ",Yaw=+630"
Event # 89/10/C	Event # = 12169 89/10/05,12:13 Start	D0Y=278	End times	SMM Pointing:	N28E44		Pitch=-379", Yaw	, Yaw=+589", Roll≈Odeg		H.Ang=47deg
Optical Optical	3	5		HaClass=1F HaClass≃SF	N30E43 S25E59	AR5721 AR5729	Mac.=FAI	Carr.Lon.=Odeg Carr.Lon.=344deg		H.Ang=47deg H.Ang=65deg
HXRBS BCS FCS	12:10:25 12:13	12:10:58 12:11:04 12:13 12:16		Peakc/s=46 CaPeak.c/s=120	Vual=03 Qual=01 Qual= 5	Tot Cts=177 FePeak=12:13	MaxkeV=102 FePeak.c/s=13	#Peaks=1	dt= 3.8s	XEN=927802
	12:16			Wavelength=1375A		Exp #=97773	Kast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s Pitch=-371"	1.024s/pixel ",Yaw=+596"

Event = 23319 89/10/05,12:44 Start GOES BCS 12:43 FCS UVSP 12:18	DOY=278 Peak 12:44	End times 13:03	CaPeak.c/s=33 (	Qua]=00 Qua]= 5	FePeak=12:44 Exp #=97774	FePeak.c/s=5 Rast=240"x240" Rast=70"x70"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=-371"	XEN=927803 1.024s/pixel ", Yaw=+596"
Event # = 12171 89/10/05,13:43 [ Start F Optical GOES 13:36 1 HXRBS 13:39:12 1 UVSP 13:47 Radio Frequency	= 12171 13:43 DOY=278 tart Peak End tim 3:36 13:43 13:52 3:39:12 13:39:20 13:40:3 3:47 Frequency(MHz)/Flux(sfu)	. Q. is	SMM Pointing: HaClass=SN Importance=C4 PeakC/s=44 Wavelength=1375A	N28E43 N10W08 Qual=03 Qual=01 Code=02	AR5716 Tot Cts=336 Exp #=97775	Pitch=-378", Yaw=+579", Mac.=CSO Carr.! MaxkeV=102 Rast=265"x265" Step=	=+579",Roll=Odeg Carr.Lon.=51deg Step=5" Pitch	, Roll=Odeg   Lon.=51deg   5"	H.Ang=46deg H.Ang=9deg ",Yaw=+587"
Event # = 23320 89/10/05,14:22 Start GOES BCS 14:18 FCS 13:51	DOY=278 Peak 14:22	End times 14:34	CaPeak.c/s=38 Wavelength=1375A	Qua]= 00 Qua]= 8	FePeak=14:21 Exp #=97776	FePeak.c/s=7 Rast=240"x240" Rast=70"x70"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=-370"	XEN-927804 1.024s/pixel ",Yaw"+587"
Event # = 23321 89/10/05,19:12 Start Optical 60ES 18:34 BCS 18:36 FCS 19:06	00Y=278 Peak 19:12 19:08	End times 19:35 19:10	HaClass=SF Importance=C3 CaPeak.c/s=64 Wavelength=2788A	N30E39 Qual=03 Qual= 2 Code=00	FePe Exp	Mac.=FAI FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	Carr.Lon.=ldeg #Peaks=2 dt= Step=15" Cad= Step=0" Pitc	=1deg	H.Ang=44deg XEN=927805 1.024s/pixel ",Yaw=+728"
Event # = 23322 89/10/06,02:10 Start GOES 02:10 FCS 02:10 UVSP 01:47	DOY=279 Peak 02:10 02:10	End times 02:20	CaPeak.c/s=44 Peak3c/s=515 Wavelength=2788A	89/10/05 Qual=00 Qual= 6	5	FePeak.c/s=5 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s X Cad= 262s 1 Pitch=-270",	XEN=927900 1.024s/pixel ",Yaw=+444"
Event # = 23323 89/10/06,06:50 [ 60ES Start   60ES 06:50 ( FCS 06:39	DOY=279 Peak 06:50	End times 06:54	CaPeak.c/s=18 Wavelength=1375A	Qua]=05 Qua]= 5	FePeak=06:50 Exp #=97798	FePeak.c/s=6 Rast=240"x240" Rast=70"x70"	#Peaks=1 Step=15" Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=-394",	XEN=927901 1.024s/pixel ", Yaw=+497"

Optical Start	Peak	End times	HaClass≖1F	N27E29	AR5721	Mac.=FAI	Carr.Lon.=Odeg	.=0deg	H.Ang=34deg
BCS 14:17	7 14:20	14:21	CaPeak.c/s=29	Qual= 2	FePeak=14:20	FePeak.c/s=9		dt= 7.7s	XEN=927902
SP 14:17	_		Wavelength=1375A		Exp #=97808	Rast=240"X240" Rast=70"x70"	Step=15" Step=5"		1.024s/p1xel ",Yaw=+449"
Event # = 12172 89/10/06,17:49 Start	2172 49 00Y=279 Peak	Fnd times	SMM Pointing:	N30E30		Pitch=-397", Yaw	, Yaw=+414", Roll=Odeg	11=0deg	H.Ang=37deg
ical 17:44	17:49	17:54	HaClass=SF	N28E27	AR5721	Mac.=FAI	Carr.Lon.=Odeg	=0deg	H.Ang≈33deg
HXRBS 17:44:03 BCS 17:45	1:03 17:44:30 17:48	17:45:16 17:54	Peak(s=47 CaPeak.c/s=61	Qua]=01 Qua]= 1 Qua]= 1	Tot Cts=309 FePeak=17:47	MaxkeV=102 FePeak.c/s=15			XEN=927903
UVSP 17:43	_		Wavelength=1375A	Code=00	Exp #=97817	Rast=180"x180" Rast=30"x30"	Step=10" Step=5"	Cad= 332s 1 Pitch=-388",	1.024s/pixel ",Yaw=+499"
				89/10/0	7 DOY=280				
Event # = 23325 89/10/07,04:12 Start	12 D0Y=280 Peak	End times		,					
BCS 04:05	04:12	04:24	CaPeak.c/s≖29	Qual=00 Qual= 4	FePeak=04:05	FePeak.c/s=9	#Peaks=1	dt= 7.7s	XEN=928000
P 04:01			Wavelength=1375A		Exp #=97841	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s 1 Pitch=-359",	1.024s/pixel ",Yaw=+443"
Event # = 23326 89/10/07,04:41 Start	326 41 D0Y=280 Peak	End times							
BCS 04:36	04:41	04:43	CaPeak.c/s≖20	Qual=00 Qual= 4	FePeak=04:42	FePeak.c/s=8		dt= 7.7s	XEN=928001
04:28			Wavelength=1375A		Exp #=97845	Rast=180"x180" Rast=10"x10"	Step=10" Step=0"	Cad= 332s 1 Pitch=-328",	1.024s/pixel ",Yaw=+420"
Event # = 23327 89/10/07,05:41 Start	327 41 D0Y=280 Peak	End times							
BCS 05:41	05:41	05:59	CaPeak.c/s=29	Qual=06 Qual= 5	FePeak=05:41	FePeak.c/s=7		dt= 7.7s	XEN=928002
05:33			Wavelength=1375A		Exp #=97850	kast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s	1.024s/pixel ",Yaw=+462"
1 = 12	625			89/10/09	9 D0Y=282				
89/10/09,02:18 Start Optical	18 D0Y=282 Peak	End times	HaClass=SF	N18E27	AR5728	Mac. ≖CAO	Carrilon = 329den	=329den	H Ann=20ded
S 01:53 8S 01:54	01:53 02:18 01:54:48 01:56:44	02:44 02:01:01	Importance=C4 Peakc/s=50		Tot Cts=3290	MaxkeV=102	Flags=I	5 5 1	S S S S S S S S S S S S S S S S S S S
HXRBS 01:54 UVSP 02:28	:48 01:56:44	02:01:01	Peakc/s=50 Wayelennth=27884	Qual=01	Tot Cts=3290	MaxkeV=102	Flags=I		0:+ch- 252" V2 24"

EVENT # = 1.000 89/10/09,03:12 Start GOES HXRBS 03:12:25 UVSP 03:03	DOY=282 Peak End times 03:12:49 03:14:15	Peakc/s=58 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=946 Exp #=97924	MaxkeV=144 Rast=180"x1"	Flags=I Step=0"	Pitch=-252", Yaw=-50"
Event # = 12173 89/10/09,23:32 Start Optical GOES HXRBS 23:31:55 HVSP 23:43	DOY=282 Peak End times 23:32:04 23:32:56	HaClass=SF PeakC/s=35	N30W65 Qual=00 Qual=01	AR5714 Tot Cts=122 Exp #=97987	Mac.=CAO MaxkeV=102 Rast=180"x1"	Carr.Lon.=49deg Step=0" Pitch	49deg H.Ang=65deg Pitch=-255",Yaw=-236"
Event # = 12174 89/10/10,04:02 Start Optical GOES 03:59 HXRBS 03:58:13	# = 12174 /10,04:02 DOY=283 Start Peak End times al 03:59 04:02 04:07 03:58:13 04:00:38 04:01:25	P.E. S.	89/10/10 N32E05 Qual=01 Qual=01	jot	Mac.=CA0 MaxkeV=144 Dac+=243"~243"	Carr.Lon.=337deg	-337deg H.Ang=26deg
Event # = 12176 89/10/10,07:21 Start GOES 07:12 HXRBS 07:17:31 UVSP 07:09	cy (MHz)/Flux(sfu):  D0Y=283 Peak Po7:21 07:21 07:19:52 07:12:44 07:13:30	245/520 606/1 Importance=C4 Peakc/s=39 Wavelength=1375 	Qual=03 Qual=01 Qual=01 A Code=00 Associated Qual=01	Tot Cts=1308 Exp #=98008 Event # = 12175 Tot Cts=470	MaxkeV=144 Rast=10"x10" MaxkeV=102	Step=0"	Pitch=-387", Yaw=-160"
Event # = 121/7 89/10/10,08:24 Start GOES 08:19 HXRBS 08:20:02 UVSP 08:15	DOY=283 Peak End times 08:24 08:30 : 08:20:18 08:20:51	S Importance=C4 Peakc/s=78 Wavelength=1375A	Qual=01 Qual=02 Code=00	Tot Cts=1137 Exp #=98012	MaxkeV=102 Rast=70"x70"	Flags=SA Step=5"	Pitch=+398", Yaw=+242"
Event # = 12178 89/10/10,20:32 Start GOES 20:28 HXRBS* 20:29:16 BCS 20:31 FCS 20:31 RAdio Frequenc	= 12178 ,20:32 DOY=283 tart Peak End times 0:28 20:32 20:35 0:29:16 20:30:01 20:30:54 0:31 20:31 20:35 0:10 Frequency(MHz)/Flux(sfu):	s Importance=C2 Qual=01 Peakc/s=201 Qual=01 CaPeak.c/s=55 Qual= 4 Wavelength=2788A Code=01 410/330 606/97 2695/51	Qual=01 Qual=01 Qual= 4 Code=01 695/51	Tot Cts=3413 FePeak=20:31 Exp #=98027	MaxkeV=114 FePeak.c/s=15 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 3.8s XEN=928300 Cad= 332s 1.024s/pixel Pitch=+110", Yaw=+862"

			The state of the s	89/10/11	1 DOV=284				
Event # = 12179 89/10/11,01:22 D Start P GOES 01:18 0 HXRBS* 01:19:28 0 BCS 01:20 0 FCS 01:39	DOY=284 Peak 01:22 01:20:27 01:21	End times 01:24 01:20:42 01:24	Importance=C2 Peakc/s=51 CaPeak.c/s=40 Wavelength=2788A	Qual=01 Qual=01 Qual= 1	Tot FePe Exp	MaxkeV=88 FePeak.c/s=11 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s XI Cad= 262s 1 Pitch=+110",	XEN=928400 1.024s/pixel ", Yaw=+862"
= 12627 1,02:38 Start	DOY=284 Peak	End times	HaClass=SN	N36W00	AR5725	Mac.=CA0	Carr. Lon. = 330deg	=330deg	H.Ang=30deg
WKBS* 02:33:03 02:33:08 02:33:4 BCS 02:38 02:38 02:42 FCS 02:16 UVSP 02:16 Radio Frequency(MHz)/Flux(sfu)	02:33:08 02:38 y(MHz)/F	02:33:48 02:42 lux(sfu):	Peakc/s=133 CaPeak.c/s=21 Wayelength=2788A 245/760 410/95	Qual=01 Qual=01 Qual= 4	Tot Cts=1240 FePeak=02:38 Exp #=98035	MaxkeV=114 FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	Flags=I #Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+110'	XEN=928401 1.024s/pixel ", Yaw=+862"
Event # = 12180 89/10/11,04:55 D Start P Optical Optical GOES 04:40 UVSP 04:45	DOY=284 Peak 04:55 04:43:25	End times 05:30 04:45:35	HaClass=1N HaClass=SF Importance=C5 PeakC/s=79 Wavelength=1375A	N28W19 N36E01 Qual=02 Qual=01 Code=00	Tot Cts=4184 Exp #=98045	MaxkeV=62 Rast=10"x10"	Carr.Lon.=347deg Carr.Lon.=327deg Step=0"Pitch=	+305'	H.Ang=28deg H.Ang=30deg ', Yaw=+893"
Event # = 12182 89/10/11,22:38 D0 Start Pe GOES HXRBS* 22:36:07 22 UVSP 22:59	DOY=284 Peak 22:38:11	End times 22:38:42	Peakc/s=66 Wavelength=2788A	Qual=00 Qual≈01	Tot Cts=1044 Exp #=98076	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=+185"	, Yaw=+814"
Event # = 12181 89/10/11,23:07 DOY=284 Start Peak End 1 GOES HXRBS* 22:28:46 22:29:48 22:30 BCS 22:14 23:07 23:10 FCS 22:14 23:07 23:10 UVSP 22:59 Type/Intensi Radio Sweeps Type/Intensi	DOY=284 Peak 22:29:48 23:07 23:08 Type/Ir	End times 22:30:53 23:10 ntensity:	Peakc/s=275 CaPeak.c/s=107 Wavelength=2788A III/2 1415/18 2695/53 4	Qual=00 Qual=01 Qual= 6	Tot Cts=7383 FePeak=22:38 Exp #=98076	MaxkeV=191 FePeak.c/s=14 Rast=180"x1"	#Peaks=1 Step=0"	dt= 7.7s XEN=928402 Pitch=+185",Yaw=+814"	XEN=928402 ', Yaw=+814"
Event # = 23328 89/10/11,23:38 DC Start Pe GOES 23:32 23 BCS 23:45 23 FCS 23:37	DOY=284 Peak 23:38 23:46	imes	Importance=C3 CaPeak.c/s=32 Wavelength=2788A	Qual=05 Qual= 5 Code=00	FePeak=23:46 Exp #=98077	FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+185"	XEN=928403 1.024s/pixel ", Yaw=+813"

				89/10/12	2 D0Y=285				
Event # = 12183 89/10/12,03:29 DOY=285 Start Peak End times GOES 03:24 03:29 03:32 HXRBS* 03:22:34 03:22:46 03:23:37 UVSP 03:34 Type/Intensity: Radio Sweeps Type/Intensity:	D0Y=285 Peak 03:29 03:22:46 Type/I cy(MHZ)/F	End times 03:32 03:23:37 ntensity: lux(sfu):	Importance=C2 (Peakc/s=62 (Wavelength=2788A (III/1 245/420	Qual≈03 Qual=01 Code=02	Tot Cts=678 Exp #=98082	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=+249", Yaw=+779"	,Yaw=+779"
Event # = 12185 89/10/12,09:32 Start Optical	D0Y=285 Peak	End times	HaClass=SF	N15E45	AR5736	Mac.=CAO	Carr.Lon.=268deg		H.Ang=45deg
GUES WKRBS* 09:31:49 UVSP 09:02 Radio Sweeps Radio Frequenc	9:31:49 09:32:20 09:33:1 9:02 Type/Intensity Frequency(MHz)/Flux(sfu) 9:28:57 09:30:34 09:31:0		Peakc/s=69 Wavelength=1379 111/2 245/680 410/150 Peakc/s=60	Qual=01 5A 0 606/240 Associated Qual=01	Tot Cts=1052 Exp #=98089 Event # = 12184 Tot Cts=953	MaxkeV=114 Rast=70"x70" MaxkeV=114	Step=5"	Pitch=+322"	,Yaw=+869"
Event # = 23329 89/10/12,15:08 Start Optical GOES 15:01 BCS 15:01 FCS 15:08	DOY=285 Peak 15:08 15:10	End times 15:25 15:52	HaClass=SF Importance=C4 CaPeak.c/s=145 Wavelength=1375A	\$12W46 Qual=05 Qual= 1 Code=02	AR5726 FePeak=15:10 Exp #=98097	Mac.=AXX FePeak.c/s=24 Rast=180"x180" Rast=70"x70"	Carr.Lon.= #Peaks=1 Step=10" Step=5"	=355deg H dt= 7.7s X Cad= 332s I Pitch=+327",	H.Ang=49deg XEN=928500 1.024s/pixel ",Yaw=+849"
Event # = 23330 89/10/12,16:55 Start GOES BCS 16:43 FCS UVSP 16:39	DOY=285 Peak 16:55 17:06	End times 17:23	CaPeak.c/s=42 Peak3c/s=12 Wavelength=1375A	Qual=00 Qual= 1	FePeak=16:55 Exp #=98099	FePeak.c/s=9 Rast=240"x240" Rast=70"x70"	#Peaks=2 Step=15" Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=+328",	XEN=928501 1.024s/pixel ', Yaw=+843"
Event # = 23331 89/10/12,18:13 Start GOES BCS 18:10 FCS UVSP 17:55	DOY=285 Peak 18:13	End times 18:19	CaPeak.c/s=27 Wavelength=2788A	Qual≈00 Qual≈ 1	FePeak=18:11 Exp #=98100	FePeak.c/s=7 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt* 7.7s X Cad= 332s 1 Pitch=+326",	XEN=928502 1.024s/pixel ',Yaw=+695"
Event # = 12186 89/10/12,18:56 Start Optical GOES 18:53 HXRBS* 18:54:15 UVSP 18:48	DOY=285 Peak 18:56 18:54:23	End times 18:58 18:54:40	HaClass=SF Importance=C2 Peakc/s=53 Wavelength=2788A	\$14E62 Qual=03 Qual=01 Code=00	AR5740 Tot Cts=137 Exp #=98101	Mac.=EAI MaxkeV=62 Rast=180"x1"	Carr.lon.=245deg Step=0"Pitch=	+327"	H.Ang=65deg , Yaw=+691"

Event # = 12187 89/10/12,23:27 Start	7 D0Y=285 Peak	End times					The state of the s	H-14-	
GOES HXRBS* 23:25:08 BCS 23:22 FCS	23:25:5 23:27	**	Peakc/s=53 CaPeak.c/s=37	Qual=03 Qual=01 Qual= 2	Tot Cts=287 FePeak=23:23	MaxkeV=114 FePeak.c/s=11		dt= 7.7s	XEN=928503
IVSP 23:24 Radio Sweeps	Type/	Type/Intensity:	Wavelength=2788A III/2		Exp #=98107	Rast=180"X180" Rast=180"X1"	Step=10" Step=0"	.dd* 332s 1 Pitch=+437",	1.024s/p1xe! ",Yaw=+592"
4 - 03337				89/10/1	3 D0Y=286				
89/10/13,00:00 Start	2 00Y=286 Peak	End times	;				1	,	
Uptical GOES 23:38 RCS 00:26	00:00	01:03	HaClass=2N Importance=M1 Cabeat c/s=22	N17W36 Qual=05	AR5745	3-2/0 40000		=341deg	H.Ang=37deg
0:00			Wavelength=2788A	Code=02	Exp #=98108	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	dd= 7.75 Cad= 262s Pitch=+437	., Yaw=+589"
Event # = 12188 89/10/13,01:59 Start	3 D0Y=286 Peak	End times							
GOES HXRBS* 02:00:16 BCS 01:44		05:0 02:3	Peakc/s=45 CaPeak.c/s=76	Qual=00 Qual=01 Qual= 1	Tot Cts=471 FePeak=01:52	MaxkeV=88 FePeak.c/s=10		dt= 7.7s	XEN=928601
CS VSP 01:32			Wavelength=2788A		Exp #=98110	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=+436",	1.024s/pixel ",Yaw=+582"
Event # = 23333 89/10/13,03:05		1							
GOES 02:55 BCS 03:19	03:05 03:20	03:19 03:23	Importance=M1 CaPeak.c/s=23	Qual=05 Qual≖ 5	FePeak=03:20	FePeak.c/s=6		dt= 7.7s	XEN=928602
VSP 03:03			Wavelength=2788A	Code=00	Exp #=98112	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+327"	1.024s/pixel ",Yaw=+655"
Event # = 12189 89/10/13,03:52 Start	) D0Y=286 Peak	Fnd times							
GOES HXRBS* 03:52:23 UVSP 03:58		03:52:50	Peakc/s=50 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=91 Exp #=98113	MaxkeV*114 Rast=180"x1"	Step=0"	Pitch=+327"	', Yaw=+650"
Event # = 12190 89/10/13,06:12 Start	DOY=286 Peak	mes	1	50					
HXRBS* 04:43:23 BCS 05:12	05:25:04 05:33	05:35:54 05:35	Importance=M4 Peakc/s=115 (CaPeak.c/s=773 (CaPeak.c/s=773)	Qual=02 Qual=04 Qual= 2	FePeak=05:33	MaxkeV=218 FePeak.c/s=175	Flags=I, SI #Peaks=1	Flags=I,SN,EN,ND #Peaks=I dt= 7.7s	XEN=928603
06:20 Freque	03:10 cy (MHz)/F	::	Feak3c/s=2062 Wavelength=2788A 1415/58 2695/150	code=02 1995/100	Exp #=98115 8800/42	Kast=240"X240" Rast=243"X243"	Step=15" Step=3"	Cad= 262s   Pitch=+339",	1.024s/plxel ",Yaw=+783"
BCS 06:29 FCS	06:31	07:06	As CaPeak.c/s=945	Associated Qual= 5	Event # = 23334 FePeak=06:31	FePeak.c/s=80 Rast=240"x240"	#Peaks=1 Step=15"	dt= 3.8s Cad= 262s	XEN=928604 1.024s/pixel

					-		
XEN=928605 1.024s/pixel	EN=928606 .024s/pixel Yaw=+776"	XEN=928607 1.024s/pixel I", Yaw=-731"	XEN=928608 1.024s/pixel 2", Yaw=+515"	XEN=928609 1.024s/pixel 3", Yaw=+753"	XEN=928610 1.024s/pixel 4", Yaw=+753"	XEN=928611 1.024s/pixel 5", Yaw=+745"	H.Ang=85deg , Yaw=+13"
dt= 7.7s Cad= 262s	dt= 7.7s X Cad= 262s 1 Pitch=+340",	dt= 7.7s X Cad= 262s 1 Pitch=-354",	dt= 7.7s X Cad= 262s 1 Pitch=+232",	dt= 7.7s Cad= 262s Pitch=+34	dt= 7.7s Cad= 262s Pitch=+34	dt= 7.7s Cad= 262s Pitch=+34	+1
	#Peaks=1 Step=15" Step=5"	#Peaks=1 Step=15" Step=5"	#Peaks=1 Step=15" Step=5"	#Peaks=1 Step=15" Step=5"	#Peaks=1 Step=15" Step=5"	#Peaks=1 Step=15" Step=5"	Carr.Lon.=214deg Step=5" Pitch=
FePeak.c/s=8 Rast=240"x240"	FePeak.c/s=9 Rast=240"x240" Rast=70"x70"	FePeak.c/s=7 Rast=240"x240" Rast=70"x70"	FePeak.c/s=7 Rast=240"x240" Rast=70"x70"	FePeak.c/s=6 Rast=240"x240" Rast=265"x265"	FePeak.c/s=6 Rast=240"x240" Rast=70"x70"	MaxkeV=88 FePeak.c/s=6 Rast=240"x240" Rast=265"x265"	Mac.=HSX MaxkeV=114 Rast=70"x70"
Event # = 23335 FePeak=07:07	Event # = 23336 FePeak=08:18 Exp #=98117	FePeak=09:50 Exp #=98119	FePeak=11:28 Exp #=98121	FePeak=12:26 Exp #=98122	FePeak=12:55 Exp #=98123	Tot Cts=168 FePeak=13:58 Exp #=98124	AR5744 Tot Cts=2270 Exp #=98127
Associated Qual= 5	Associated Qual= 5 A	Qua]= 00 Qua]= 4	Qual=05 Qual= 4	Qual=05 Qual= 5	Qual=05 Qual= 5	Qual=00 Qual=01 Qual= 1	\$25E82 Qual=01 Qual=01
A CaPeak.c/s=42	CaPeak.c/s=167 Wavelength=1375A	CaPeak.c/s=34 Wavelength=1375A	CaPeak.c/s=47 Wavelength=1375A	CaPeak.c/s=33 Wavelength=1375A	CaPeak.c/s=30 Wavelength=1375A	Peakc/s=49 CaPeak.c/s=29 Wavelength=1375A	HaClass=1F Peakc/s=113 Wavelength=1375A
07:07	08:38	End times 10:09	End times 11:41	End times 12:27	End times 13:12	End times 13:56:48 14:43	End times 15:55:06
07:07	08:07	DOY=286 Peak 09:53	00Y=286 Peak 11:37	D0Y=286 Peak 12:26	D0Y=286 Peak 12:37	DOY=286 Peak 13:56:23 13:58	DOY=286 Peak 5 15:54:22
07:07	08:05 07:54	Event # = 23337 89/10/13,09:53 60ES BCS 09:39 FCS 09:26	Event # = 23338 89/10/13,11:37 Start GOES BCS 11:13 FCS 10:57	Event # = 23339 89/10/13,12:26 Start GOES BCS 12:26 FCS 12:26 UVSP 12:26	Event # = 23340 89/10/13,12:37 Start GOES 12:37 FCS 12:28 UVSP 12:28	Event # = 12191 89/10/13,13:58 D Start P GOES HXRBS* 13:56:10 1 BCS 13:54 1 FCS	Event # = 12192 89/10/13,15:54 Start Optical GOES HXRBS* 15:53:15 UVSP 15:28
- 808	BCS CONTRACTOR - CONTRACTOR	Event 89/10/ GOES BCS FCS UVSP	Event 89/10/ 60ES BCS FCS UVSP	Event 89/10/ 60ES BCS FCS UVSP	Event 89/10/ 60ES BCS FCS UVSP	Event 89/10, 60ES HXRBS' BCS FCS UVSP	Event # 89/10/13 Optical GOES HXRBS* UVSP

Event # = 12193 89/10/13,23:35 ( Start GOES HXRBS* 23:34:52 2	33 DOY=286 End times Peak End times 52 23:35:04 23:35:34	S	Qual=00 Qual=01	Tot Cts=1028	MaxkeV=165			
2	3:23 Frequency(MHz)/Flux(sfu):	7.7		Exp #=98144	Rast=180"x1"	Step=0"	Pitch=+4",Yaw=+5"	Yaw=+5"
7 4 4			89/10/14	4 D0Y=287				
Event # = 23341 89/10/14,00:31 Start	1   DOY=287   Peak End times	v						
GOES BCS 00:31	00:31 00:36	CaPeak.c/s=18	Qual=00 Qual= 5	FePeak=00:31	FePeak.c/s=8		dt= 7.7s	XEN=928700
UVSP 00:20		Wavelength=2788A		Exp #=98146	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s Pitch=+283	1.024s/pixel 3", Yaw=+802"
Event # = 12628 89/10/14,04:13 Start	:8   DOY=287   Peak End times							3
HXRBS* 04:12:21 BCS 04:13	11 04:12:37 04:12:57 04:15 04:15	Peakc/s=54 CaPeak.c/s=27	Qua!=00 Qua!=01 Qua!= 4	Tot Cts=191 FePeak=04:13	MaxkeV=62 FePeak.c/s=9		dt= 7.7s	XEN=928701
rts UVSP 03:35		Wavelength=2788A		Exp #=98150	Rast=240"x240" Rast=243"x243"	Step=15" Step=3"	Cad= 262s 1 Pitch=+543",	1.024s/pixel ", Yaw=+811"
Event # = 12629 89/10/14,05:09 Start Optical	9 DOY=287 Peak End times	HaClass=SF	N14E11	AR5736	Mac.=CS0	Carr.Lon.=278deg	=278deg	H.Ang=14deg
HXRBS* 05:09:1 UVSP 05:06 Radio Sweeps Radio Freque	05:09:11 05:09:26 05:11:42 05:06 Type/Intensity: Frequency(MHz)/Flux(sfu):	Peakc/s=175 Wavelength=1375A III/3 245/180 410/510	yual=00 Qual=01	Tot Cts=3480 Exp #=98151	MaxkeV=165 Rast=265"x265"	Flags=I Step=5"	Pitch=+411"	', Yaw=+885"
Event # = 12197 89/10/14,07:02 Start Optical GOES	DOY=287 Peak End time	HaClass=SF	N21W72	AR5723	Mac.=CS0	Carr.Lon.=360deg	=360deg	H.Ang=71deg
HXRBS* 06:58:39 C UVSP 06:55 Radio Sweeps	%:35 %:59:37 07:00:12 Type/Intensity:	Importance=U3 Peakc/s=136 Wavelength=1375A (	Qual=01 Qual=01 Code=00	Tot Cts=2228 Exp #=98164	MaxkeV=114 Rast=10"x10"	Step=0"	Pitch=+403", Yaw=+838	, Үаw=+838"
Event # = 12198 89/10/14,07:11 Start	8 DOY=287 Peak End times							
HXRBS* 07:11:16 UVSP 07:09	07:11:16 07:11:21 07:11:30 07:09	Peakc/s=77 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=221 Exp #=98166	MaxkeV=114 Rast=10"x10"	Step=0"	Pitch=+443", Yaw=+778"	, Yaw=+778"

Event # = 12199 89/10/14,07:14 Start GOES HXRBS* 07:14:20 UVSP · 07:09 Radio Sweeps	00Y=287 Peak End times 07:14:57 07:15:24 Type/Intensity:	Peakc/s=66 (Wavelength=1375A III/2	Jua]=00 Jua]=01	Tot Cts=718 Exp #=98166	MaxkeV=88 Rast*10"x10"	Flags=ND Step=0"	Pitch=+443",Yaw=+778"	, Yaw=+778"
Event # = 12200 89/10/14,08:39 Start Optical GOES 08:35 HXRBS* 08:34:32 BCS 08:38	00Y=287 Peak End times 08:39 08:42 2 08:37:26 08:42:50 08:38 08:40	HaClass=SF Importance=C5 PeakC/s=867 CaPeak.c/s=25	\$16E39 Qual=01 Qual=01 Qual= 4	AR5740 Tot Cts=34478 FePeak=08:38	Mac.=EKO MaxkeV=298 FePeak.c/s=10	Carr.Lon.=248deg #Peaks=1 dt= 7. c+en=15" Cad= 2	7s 62s	H. Ang=44deg XEN=928702 1. 024s, /nixel
001	8:12	Wavelength=1375A Code=00 Exp #=98170 Rast=70"x70" Step=5" [111/1	Code=00 606/150 1 Ssociated Qual= 4	Exp #=98170 415/140 2695/150 Event # = 23342 FePeak=08:43	Rast=70"x70" 0 4995/87 8800/73 FePeak.c/s=9 Rast=240"x240"	Step=5" 3 15400/56 #Peaks=1 Step=15"	Pitch=+411" dt= 7.7s Cad= 262s	, Yaw=+885" XEN=928703 1.024s/pixel
Event # = 12195 89/10/14,11:13 D Start P GOES 11:08 1 HXRBS* 11:11:03 1 UVSP 11:12 Radio Sweeps Radio Frequency 	0Y=287 eak End time 1:13 11:15 1:11:53 11:12:08 Type/Intensity: (MHz)/Flux(sfu): 1:09:10 11:09:34 (MHz)/Flux(sfu):	Importance=C4 Qual=O2 Tot Cts=3846  Peakc/s=141 Qual=O3 Tot Cts=3846 Wavelength=1375A Code=O0 Exp #=98173  V/2  245/1400 410/190  Peakc/s=167 Qual=O1 Tot Cts=2547  1415/22 2695/32 4995/45 8800/67 15400/31	Qual=02 Qual=03 Code=00 ssociated Qual=01 4995/45 88	Tot Cts=3846  Exp #=98173  Event # = 12194  Tot Cts=2547  30/67 15400/31	MaxkeV=140 Rast=265"x265" 	Flags=M5, Step=5"	Flags=M5,EG Step=5" Pitch=+411",Yaw=+885"	, Yaw=+885"
Event # = 12196 89/10/14,13:07 Start GOES HXRBS* 13:06:30 UVSP 12:47	96 77 DOY=287 Peak End times :30 13:07:35 13:08:01	Peakc/s=104 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=1288 Exp #=98176	MaxkeV=114 Rast=70"x70"	Step=5"	Pitch=+411	Pitch=+411",Yaw=+885"
Event # = 12201 89/10/14,14:50 Start GOES HXRBS* 14:49:32 Radio Sweeps Radio Frequen	Event # = 12201 89/10/14,14:50 DOY=287 Start Peak End times GOES HXRBS* 14:49:32 14:50:34 14:51:09 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	Peakc/s=67 III/1 245/240 410/220	Qua]=00 Qua]=01	Tot Cts=3440	MaxkeV=114	Flags=ND		

89/10/14,17:52 [ Start	DOY=287 Peak End times	nes						
17:49 17:49:45	17:52 17:59 17:50:36 17:54:08	HaClass=1N Importance=C5 D8 Peak c/c=2063	N16476 Qual=01	AR5723 Tot Cts-02242	Mac.=CS0	Carr.Lon.=358deg	.=358deg	H.Ang=75deg
GRS 17:50:00 UVSP 17:39 Radio Sweeps Radio Frequenc	7:50:00		(code=00) 2695/62	Wavelength=1375A Code=00 Exp #=98190 V/3 245/3400 410/100 2695/62 4995/170 8800/66	Rast=110"x200"	Step=5"	Pitch=+333	Dur=60sec Pitch=+333", Yaw=+918"
Event # = 12203 89/10/14,19:00 Start GOES 18:57 HXRBS* 18:57:53 BCS 18:58	DOY=287 Peak End ti 19:00 19:02 18:58:45 18:59: 19:00 19:04		Qual=01 Qual=01 Qual=1	Tot Cts=589 FePeak=18:59	MaxkeV=114 FePeak.c/s=17	1	dt# 3.8s	XEN=928704
VSP 18:53		Wavelength=1375A	Code=00	Exp #=98196	Rast=240"x240" Rast=110"x200"	Step=15" Step=5"	Cad= 262s 1 Pitch=+465",	1.024s/pixel ', Yaw=+844"
= 12204 1,21:15 Start	00Y=287 eak	\ \S	S18E27	AR5740	Mac,=EKO	Carr. I on. =253den	=253dea	H. Ano. 36deo
GOES 21:10 2 HXRBS* 21:10:42 2 UVSP 21:02 Radio Frequency	1:10 21:15 21:18 1:10:42 21:11:10 21:11:35 1:02 Frequency(MHz)/Flux(sfu):	Importance=C5 ( Peakc/s=131 ( Wavelength=2788A ( 10/180 606/1100	Qual=03 Qual=01 Code=00	Tot Cts=969 Exp #=98204	MaxkeV=114 Rast=180"x1"	Step=0"	Pitch=+283'	Pitch=+283", Yaw=+802"
= 12630 1,22:33 Start	D0Y=287 Peak	1 10	N16W77	AR5723	Mac.=CS0	Carr. Ion.=356den	=356dea	H And=76den
GOES 22:28 HXRBS* 22:31:31 UVSP 21:40 Radio Sweeps	22:33 22:35 22:31:55 22:32:01 Type/Intensity:	Importance=C3 1 Peakc/s=64 Wavelength=2788A : III/1	Qual=04 Qual=01 Code=00	Tot Cts=236 Exp #=98205	MaxkeV=88 Rast=180"x1"	Flags=M5, Step=0"	J I Pitch=+283",Yaw≖+802"	, Yaw≖+802"
231	DOY=287 Peak End	10	\$26E67	AR5747		Carr. Lon. =212deg	=212deg	H.Ang=72deg
	22:39:53 22:43:1 22:42 22:45	8 Peakc/s=1778 CaPeak.c/s=668	Qual=03 Qual=03 Qual= 6	Tot Cts=69500 FePeak=22:42	MaxkeV=245 FePeak.c/s=221	Flags=I, EN #Peaks=1 d S+en=1E"	t= 3.85	XEN=928705
VSP 22:33 adio Frequenc	22:33 Frequency(MHz)/Flux(sfu)	Wav : 141	Code=00 1995/130 8	elength=2788A Code=00 Exp #=98206 5/42 2695/54 4995/130 8800/110 15400/49	Rast=180"x1"	Step=0"	du= 2023 itch=+283	1.024s/plxel ', Yaw=+802"

				89/10/15	DOY=288				
Event # = 23343 89/10/15,00:17 Start	D0Y=288 Peak	End times	1) = 0 at [ ]	63/05/8			Carr, Ion.=210ded	:210dea	H. Ang≈74deg
Uptical 60ES 23:20 BCS 23:21	00:17 23:55	02:40 23:56	nac.nass-sr Importance=M1 CaPeak.c/s=169	330506 Qual=02 Qual= 2	25			75	XEN=928706
ä			relength=2788	Code=00	Exp #=98208	Rast=180"x1"			, Yaw=+802"
BCS 00:57	00:57	01:46	. caPeak.c/s=138	Associated Qual= 5	Event # = 23344 FePeak=00:57	FePeak.c/s=16 Rast=240"x240"	eaks=1 ep=15"	= 3.8s d= 262s	EN*928800 .024s/pixel
UVSP 00:42			Wavelength=2788A		Exp #=98209			Pitch=+283"	', Yaw=+802"
Event # = 23345 89/10/15,02:27 Start	D0Y=288 Peak	End times							
GOES BCS 02:27	02:27	03:18	CaPeak.c/s=95	Qual=00 Qual= 5	FePeak=02:27	FePeak.c/s=9	#Peaks=1	dt= 3.8s X	XEN=928801
FCS UVSP 02:13			Wavelength=2788A		Exp #=98211	Rast=180"x1"	Step=0"	Pitch=+283	, Yaw=+802"
Event # = 12205 89/10/15,03:15	DOY=288	Fnd times							
Optical Optical Optical	<b>5</b>		HaClass=SF HaClass=SF HaClass=SF	S27E56 N17W82 S22E48	AR5747 AR5723 AR5744	Mac.=DKO	Carr.Lon.=220deg Carr.Lon.=358deg Carr.Lon.=228deg		H.Ang=63deg H.Ang=81deg H.Ang=55deg
GOES HXRBS* 03:15:05 ( UVSP 03:08 Radio Sweeps	03:15:46 Type/I	03:15:46 03:16:01 Type/Intensity:	Peakc/s=112 Wavelength=2788A III/3	Qual=00 Qual=01	Tot Cts=780 Exp #=98212	MaxkeV=114 Rast=180"x1"	Step=0"	Pitch=+283"	", Yaw=+802"
Event # = 23346 89/10/15,04:04	DOY=288								
GOES 04:00	04:04	04:32	CaPeak.c/s=34	Qual=00 Qual= 1	FePeak=04:03	FePeak.c/s=7	#Peaks=2	dt= 7.7s	XEN=928802
FCS UVSP 03:45	•		Wavelength=2788A		Exp #=98213	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+283",	1.024s/p1xe! ", Yaw=+802"
Event # = 12206 89/10/15,04:25 [ Start	00Y=288	End times							
GOES HXRBS* 04:25:33 UVSP 04:39	3 04:25:37	~	Peakc/s=124 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=410 Exp #=98214	MaxkeV=114 Rast=180"x1"	Step=0"	Pitch=+283	Pitch=+283", Yaw=+802"
Event # = 12207 89/10/15,07:13 Start	) DOY=288 Peak	End times							
GOES HXRBS* 07:13:38 07:13:52 07:14:59 UVSP 07:03 Radio Sweens Tyne/Intensity:	3 07:13:52 Tvne/		Peakc/s=57 Wavelength=1375A III/3	Qual=01 Qual=01	Tot Cts=561 Exp #=98217	MaxkeV=114 Rast=110"x200"	Step=5"	Pitch=+488"	", Yaw=+918"
	ind f.	- 1							

55 DOY=288 Beak End 13:55 14:0 30 DOY=288 Beak End 22:54 23:0 22:54 23:0 22:54 23:0 22:54 23:0 72:53 23:0 10 Type/Intens 10 10 10	imes Ha imes Ha imes Ha imes Ha Impo	.Class=SF ak.c/s=57 length=1375A .Class=IN .tance=M2 .c.c/s=42 length=1375A	\$16E67 Qua]=03 Qua]= 3	AR5748	Mac.=BXO		.=204deg	H.Ang≖70deg
13:55 13:55 208 30 D0Y=288 14:30 14:30 14:30 14:30 22:54 22:54 22:53 22:54 7ype/Inf Type/Inf 10 10	imes Ha Impo	ak.c/s=57 length=1375A .Class=1N .tance=M2 .c.c/s=42 length=1375A	Qual= 3	4				•
208 30 108 Peak 14:30 14:30 14:30 14:30 22:54 22:54 22:54 22:54 22:54 22:54 7ype/Int 10 10	imes Ha	length=1375A .Class=1N -tance=M2 C/s=42 length=1375A		2	FePeak.c/s=8		dt= 3.8s	XEN=928803
208 30 14:30 14:30 14:30 14:30 14:30 22:54 22:54 22:54 22:54 22:54 72:53 79 Peak 10 10 10	imes Ha  1 mpc 1 mpc 1 mcs 1 mcs 1 mcc 2 mcc	.Class=1N -tance=M2 c/s=42 length=1375A		Exp #=98254	Rast=180"x180" Rast=110"x200"	Step=10" Step=5"	Cad= 332s Pitch=+333'	1.024s/pixel ", Yaw=+918"
14:30 14:4 14:33:02 14: 348	Ha	.Class=IN rtance=M2 c/s=42 length=1375A						
348 DOY=288 End 22:54 23:02 22:54 23:09 Peak End Fod Peak End 709 Peak End Fod Peak End 709 Peak End 709 Peak End 700 Type/Intens 700 Peak End 700 Peak End 700 Peak End Peak	May Har.	c/s=42 length=1375A	\$14E21	AR5740	Mac.≖EKI	Carr.Lon.=249deg	=249deg	H.Ang≖29deg
348	шеs		Qual=01 Code=02	Tot Cts=383 Exp #=98255	MaxkeV=114 Rast=265"x265"	Step=5"	Pitch=+411"	', Yaw=+885"
22:54 23:0 22:53 23:0 09 DOY=289 End 9 DA:19:33 04:2 Type/Intens Type/Intens 10								
22:53 23:0 9 DOY=289 Peak End 43 04:19:33 04:2 Type/Intens 10 7 Peak End			\$25E53	AR5747	Mac.=DKO	Carr.Lon.=213deg	=213deg	H.Ang=60deg
09 DOY=289 Peak End 43 04:19:33 04:2 Type/Intens 10 3 DOY=289 3 Peak End			Qual= 1	FePeak=22:53	FePeak.c/s=18		dt= 3.8s	XEN=928804
09 9 DOY=289 Peak End 43 O4:19:33 O4:2 Type/Intens Type/Intens 10 10 3 DOY=289 Feak End	Wavel	ength=1375A (	Code=00	Exp #=98298	Kast=240"x240" Rast=110"x200"	Step=15" Step=5"	Cad= 262s Pitch=+441"	1.024s/pixel ",Yaw=+739"
09 9 DOY=289 Peak End 43 O4:19:33 O4:2 Type/Intens 10 10 3 DOY=289 Feak End			89/10/16	D0Y=289				
43 04:19:33 Type/Ir 10 3 DOY=289	times Ha	Class=SF	W13W07	AR5736	Mac.=DAO	Carr.Lon.=270deg	=270deg	H.Ang=10deg
10 3 00Y=289 Peak	6 Peak Wave : III/	c/s=140 ength=1375A	Qual=03	Tot Cts=2899 Exp #=98307	MaxkeV=140 Rast=265"x265"	Step=5"	+482"	, Yaw=+679"
	times							
HXRBS* 15:01:37 15:02:28 15:05:22 BCS 15:04 15:13 15:40	Peak. CaPe	c/s=256 <.c/s=264	Qual=06 Qual=01 Qual= 1	Tot Cts=6844 FePeak=15:12	MaxkeV=114 FePeak.c/s=49	#Peaks=1	dt= 7.7s	XEN=928900
	Wave	ength=278		Exp #=98342	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=+361",	1.024s/pixel ",Yaw=+534"
HXRBS* 15:09:24 15:09:51 15:13:00 UVSP 14:46	Peak	c/s=57 Q length=2788A	Associated   Qual=01   3A	<pre>Event # = 12211 Tot Cts=2630 Exp #=98341</pre>	MaxkeV=62 Rast=180"x1"	-	 Pitch=+361",	, , Yaw=+539"
Event # = 23349 89/10/16,19:33 DOY=289 Start Peak End times	imes							
60E5 BCS 19:30 19:33 19:42 FCS 19:35	CaPeal	CaPeak.c/s=55 0	Qual=05 Qual= 5 F	FePeak=19:30			dt= 3.8s	XEN=928901
19:20	Wavele	ength=2788A	<b></b>	Exp #=98347	kast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+430",	1.024s/pixel ",Yaw=+449"

Event # = 12212 89/10/16,22:39 Start GOES HXRBS* 22:39:28 UVSP 22:39	D0Y=289 Peak 22:39:38	End times 22:40:05	Peakc/s=44 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=147 Exp #=98360	MaxkeV=62 Rast=30"x30"	Step=5"	Pitch=+459"	, Yaw=+593"
Event # = 12213 89/10/16,22:58 Start GOES HXRBS* 22:52:37 BCS 22:53	D0Y=289 Peak 22:53:11 22:58	End times 22:54:30 23:18	Peakc/s=84 CaPeak.c/s=102	Qual=01 Qual=01 Qual= 1	Tot Cts=2034 FePeak=22:56	MaxkeV=88 FePeak.c/s=20	#Peaks=1	dt= 3.8s X	XEN=928902
FCS UVSP 22:51 	23:06:46	23:06:46 23:06:55	Wavelength=1379 	5A Associated Qual=01 5A	Exp #=98362 Event # = 12214 Tot Cts=134 Exp #=98364	Rast=160 X160 Rast=30"x30" MaxkeV=62 Rast=30"x30"	Step=5" Step=5" Step=5"	Pitch=+459"	", Yaw=+595" ", Yaw=+595"
1 1 1 1				89/10/17	7 D0Y=290		La company de la		
Event # = 12215 89/10/17,00:40 Start Optical	D0Y=290 Peak	End times	HaClass=SF	N19481	AR5728	Mac.=DAO	Carr.Lon.=332deg	=332deg	H.Ang=80deg
GOES 00:35 HXRBS* 00:41:26 BCS 00:33 FCS 00:33	00:40 6 00:41:27 00:33	00:45 00:41:55 00:41	Importance=U3 Peakc/s=44 CaPeak.c/s=19 Wavelength=1375A	Qual=01 Qual=01 Qual= 4 Code=00	Tot Cts=105 FePeak=00:38 Exp #=98373	MaxkeV=62 FePeak.c/s=7 Rast=240"x240" Rast=30"x30"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+461"	XEN=929000 1.024s/pixel ", Yaw=+586"
Event # = 12216 89/10/17.02:04	DOY=290								
Start Optical	Peak	End times	HaClass=SN	\$29E42	AR5747	Mac.*DKI	Carr.Lon.=209deg	=209deg	H.Ang≖53deg
GOES 02:00 HXRBS* 02:01:31 BCS 02:04	02:04 1 02:02:00 02:04	02:09 02:03:15 02:31	<pre>importance=U2 Peakc/s=202 CaPeak.c/s=65</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=4243 FePeak=02:04	MaxkeV=140 FePeak.c/s=17 Dac+=180"<180"	#Peaks=2 S+en=10"	dt= 3.8s Cad= 332c	
PCS UVSP 02:04			Wavelength=1375A	Code=02	Exp #=98382	Rast=30"x30"	Step=5"	Pitch=+561	", Yaw=+552"
Event # = 12217 89/10/17,02:13 Start GOES HXRBS* 02:13:08 UVSP 02:04	D0Y=290 Peak 3 02:13:14	End times 1 02:13:46	Peakc/s=44 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=159 Exp #=98382	MaxkeV=62 Rast=30"x30"	Step=5"	Pitch=+561	Pitch=+561",Yaw≖+552"
Event # = 23351 89/10/17,03:14 Start	D0Y=290 Peak	End times							
GOES BCS 03:13 FCS		03:17		Qual=00 Qual= 4	FePeak=03:13	FePeak.c/s=6 Rast=180"x180"	#Peaks=1 Step=10"	dt= 7.7s X Cad= 332s 1	XEN=929002 1.024s/pixel
UVSP 03:13			Wavelength=1375A		Exp #=98387	Rast=30"x30"		P1tch=+598	, Yaw=+486

Event # 89/10/1	Event # = 23352 89/10/17,03:35 Start Optical	DOY=290 Peak	End times	HaClass=SF	N19W82	AR5728	Mac.=DAO	Carr.Lon.=332deg	=332deg	H.Ang≖81deg
BCS S	03:27	03:35	04:00	CaPeak.c/s=30	Qual=00 Qual= 1	FePeak=03:34	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929003
UVSP	03:35			Wavelength=1375A		Exp #=98391	kast=240"xz40" Rast=30"x30"	Step=15" Step=5"	cad= 2028 Pitch=+598	1.024s/p1xe1 ",Yaw=+484"
Event #89/10/1	Event # = 12632 89/10/17,05:23 Start	D0Y=290 Peak	End times							
Optical SOES	05:18	05:23	05:28		S30E41 Oual=03	AR5747	Mac.=DKI	Carr.Lon.=208deg	=208deg	H.Ang=53deg
HXRBS*	HXRBS* 05:19:21 (BCS 05:18 (	05:21:03 05:22	05:23:59 05:34	Peakc/s=183 CaPeak.c/s=200	Qual=01 Qual= 1	Tot Cts=6720 FePeak=05:22	MaxkeV=88 FePeak.c/s=53	Flags=I #Peaks=1	dt= 7.7s	XEN=929004
JVSP	05:18			₩avelength=1375A	Code=00	Exp #=98402	Rast=240 x240 Rast=30"x30"			1.024s/plxel ',Yaw=+551"
syent #	Event # = 23353 89/10/17,07:03 Start	D0Y=290 Peak	End times							
BCS SCS	06:41	07:03	07:05	CaPeak.c/s≖20	Qual=00 Qual= 2	FePeak=06:43	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=929005
	99:90			Wavelength=1375A		Exp #=98411	Kast=240"x240" Rast=10"x10"	Step=15" Step=0"	Cad= 262s 1 Pitch=+554",	1.024s/plxel ',Yaw=+535"
sylo/1	Event # = 23354 89/10/17,07:54 Start	D0Y=290 Peak	End times	And the state of t						
SSE SSE	07:54	07:54	07:57	CaPeak.c/s=22	Qual=00 Qual= 4	FePeak=07:54	FePeak.c/s=6		dt= 7.7s	XEN=929006
UVSP (	07:47			Wavelength=1375A		Exp #=98414	Kast=240"X240" Rast=10"X10"	Step=15" Step=0"	Cad= 2628 Pitch=+464"	1.024s/p1xel ',Yaw=+530"
vent # 9/10/1	Event # = 23355 89/10/17,08:34 Start	D0Y=290 Peak	End times							
BCS C	08:31	08:34	08:36	CaPeak.c/s=22	Qual=00 Qual= 2	FePeak=08:35	FePeak.c/s=6		dt= 7.7s	XEN=929007
	08:28			Wavelength=1375A		Exp #=98420	Kast=240"x240" Rast=10"x10"	Step=0"		1.0245/p1xel ",Yaw=+525"
vent # 19/10/17	Event # = 12633 89/10/17,09:23 Start	D0Y=290 Peak	End times							
GOES HXRBS* ( UVSP (	99:23:09 99:17	09:23:35	09:23:09 09:23:35 09:23:56 09:17	Peakc/s=56 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=299 Exp #=98422	MaxkeV=114 Rast=70"x70"	Flags=I Step=5"	Pitch=+498", Yaw=+507"	, Yaw=+507"

Event # = 12634 89/10/17,09:42 Start GOES HXRBS* 09:38:00 BCS 09:39 FCS UVSP 09:17	4 DOY=290 Peak 0 09:38:09	End times 09:38:33 09:51	Peakc/s=50 CaPeak.c/s=34 Wavelength=1375A	Qua]≈01 Qua]=01 Qua]= 4	Tot FePe Exp	MaxkeV=62 FePeak.c/s=8 Rast=180"x180" Rast=70"x70"	Flags=I #Peaks=1 Step=10" Step=5"	dt= 7.7s X Cad= 332s 1 Pitch=+498",	XEN=929008 1.024s/pixel ",Yaw=+507"
Event # = 23356 89/10/18,05:07 Start GOES BCS 05:07 FCS UVSP 05:05	6 D0Y=291 Peak 05:07 05:31	End times 05:58	CaPeak.c/s=117 Peak3c/s=6624 Wavelength=1375A	89/10/18 Qual=06 Qual= 5	FePeak=05:07	FePeak.c/s=8 Rast=240"x240" Rast=70"x70"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=+616",	XEN=929100 1.024s/pixel ", Yaw=+294"
Event # = 23357 89/10/18,06:53 Start GOES BCS 06:53 FCS	7 DOY=291 Peak 06:53	End times 07:26	CaPeak.c/s=42	Qual=06 Qual= 5	FePeak=07:04	FePeak.c/s=6 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	XEN=929101 1.024s/pixel
Event # = 12218 89/10/18,08:05 Start Optical GOES HXRBS* 08:05:08 UVSP 08:05	8 00Y=291 Peak 98 08:05:32	End times 2 08:05:38	HaClass=SF Peakc/s=44 Wavelength=1375A	\$11W16 Qual=06 Qual=01	AR5740 Tot Cts=176 Exp #=98450	Mac.=EAO MaxkeV=114 Rast=265"x265"	Carr.Lon.=250deg Step=5" Pitch=	=250deg Pitch=+505"	H.Ang≈23deg ',Yaw=+345"
Event # = 23358 89/10/18,08:18 80ES BCS 08:11 FCS 08:07	58 3 DOY=291 Peak 08:18	End times 08:55	CaPeak.c/s=24 Wavelength=1375A	ŌŌ	FePe Exp	FePeak.c/s=6 Rast=240"x240" Rast=70"x70"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=+452	XEN=929102 1.024s/pixel ", Yaw=+373"
Event # = 12223 89/10/19,10:19 Start GOES HXRBS* 10:17:55 UVSP 10:11	23 9 DOY=292 Peak 55 10:19:05	End times 5 10:19:12	Peakc/s=54 Wavelength=2788A	89/10/19 Qual=00 Qual=01	9 DOY=292 Tot Cts=299 Exp #=98485	MaxkeV=62 Rast=243"x243"	Step=3"	Pitch=-509"	", Yaw=-55"
Event # = 12224 89/10/19,10:22 60ES HXRBS* 10:22:25 UVSP 10:11	24 DOY=292 Peak Peak 25 10:22:58	End times 8 10:23:03	Peakc/s=50 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=254 Exp #=98485	MaxkeV=62 Rast=243"x243"	Step=3"	Pitch=-509"	", Үаw=-55"

10/19,12:03 D0Y= Start Peak ical Start Peak Start Peak 11:32 12:0 10/19,12:59 D0Y= ical ical Start Peak ical ical Start Peak ical ical Start Peak ical Ical Start Peak ical Ical Start Peak ical Ical Ical Ical Ical Ical Ical Ical I	292 End times	03 13:53e[7] eH					
Optical GOES HXRBS* 11:54:49 11:59 EVENT # = 12222 B9/10/19, 12:59 Optical GOES 11:32 Start Peak Optical GOES 12:32 HXRBS* 12:55 HXRBS* 12:55:18 HXRBS* 12:56:00 UVSP 13:01 Radio Sweeps Radio Frequency (MHZ ECS 15:25 TYP RADIO FREQUENCY (MHZ ECS 15:25 UVSP 16:05 UVSP 16:05 UVSP 16:05 UVSP 16:05 UVSP 16:05		اکتورا د					
HXRBS* 11:54:49 11:55 BCS 11:32 BCS 11:32 UVSP 11:33 Event # = 12222 89/10/19,12:59 DOY=2 89/10/19,12:59 DOY=2 89/10/19,12:59 BCS 12:55:18 Type Radio Sweeps Radio Sweeps Radio Frequency (MHZ BCS 15:25 15:25 UVSP 16:05 UVSP 16:05 UVSP 16:05 UVSP 16:05 UVSP 16:05 UVSP 16:05 UVSP 16:05 UVSP 16:05 UVSP 16:05		10-461 D	320E13 AK3/4/	Mac.=DKC	Carr.Lon.=206deg	=206deg	H.Ang=36deg
Event # = 12222 89/10/19,12:59 DOY=2 89/10/19,12:59 DOY=2 Start Peak GOES 12:32 12:55 GNS 12:55:18 12:55 GNS 12:56:00 UVSP 13:01 Radio Sweeps Typ Radio Frequency (MHZ 	5:14 11:57:17 3 12:22	Peakc/s=59 Qu CaPeak.c/s=149 Qu	<pre>qual=00 Qual=01 Tot Cts=1081 Qual= 1 FePeak=12:03</pre>	MaxkeV=88 FePeak.c/s=15	#Peaks=2	dt= 7.7s	
Event # = 12222 89/10/19,12:59 DOY=2 Start Peak Optical GOES 12:32 12:55 GOES 12:55:18 12:55 GRS 12:55:00 UVSP 13:01 Radio Sweeps Typ Radio Frequency (MHz PCS 15:25 15:25 UVSP 16:05		Wavelength=1375A	Exp #=98487	Rast=180"x180" Rast=70"x70"	Step=10" Step=5"	Cad= 332s Pitch=+537	
Optical GOES 12:32 12:55 HXRBS* 12:55:18 12:56 GRS 12:56:00 UVSP 13:01 Radio Sweeps Typ Radio Frequency(MHz Radio Frequency(MHz ECS 15:25 15:25 UVSP 16:05 UVSP 16:05 UVSP 16:07	292 End times						
HXRBS* 12:55:18 12:58 GRS 12:56:00 UVSP 13:01 Typ Radio Sweeps Radio Frequency(MH2 CS 15:25 15:25 LVSP 16:05 UVSP 16:07 UVSP 16:07	21:02	HaClass=4B S2	S27E10 AR5747	Mac.=DKC	Carr.Lon.=208deg	=208deg	H.Ang=34deg
NVSP 13:01 Radio Sweeps Radio Frequency(MHz RS 15:25 15:25 LVSP 16:05 LVSP 16:05 LVSP 16:07 LVSP 16:07	3:43 17:56:36 13:53:00	Peakc/s=202600Qual=14	al=14 Tot Cts=1.42E+8	MaxkeV=461	Flags=M5,	, SN, IN, EG	Dum-2420000
SCS 15:25 15:25 CCS 16:25 15:25 WSP 16:05 CCS 16:42 16:46 WSP 16:07	<pre>&gt;e/Intensity: t)/Flux(sfu):</pre>	Wavelength=1375A Co. IV/3 V/2 245/13000 410/18000	Wavelength=1375A Code=02 Exp #=98488 Rast=265"x265" IV/3 V/2 245/13000 410/18000 606/46000 1415/82000 2695/A500 Agost/	Rast=265"x265" 2695/4500 4995/3	Step=5"	Step=5" Pitch=+511", Yaw= 34000 8800/20000 15400/25000	Pitch=+511",Yaw=+120" 0000 15400/26000
16:05 	15:26	CaPeak.c/s=91 Qu	siated Event # = 23360 al= 5 FePeak=15:25	FePeak.c/s=77	#Peaks=1	dt= 7.7s	XFN=929203
16:42 16:4 16:07		Wavelength=1375A	Exp #=98492	Rast=0"x0" Rast=265"x265"	Step=0" Step=5"	Cad=3840s Pitch=+510",	3840s/pixel 0", Yaw=-81"
16:07	16:51	ASSOC CaPeak.c/s=1478 Qua	:iated Event # = 23362 11= 6 FePeak=16:46	FePeak.c/s=323	#Peaks=1	dt= 0.5s	XEN=929205
		Wavelength=1375A	Exp #=98493	Rast=180"x180" Rast=70"x70"	Step=10" Step=5"	Cad= 332s Pitch=+487	1.024s/pixel
.cs 16:51 16:52	16:56	CaPeak.c/s=33	Associated Event # = 23363 Qual= 6 FePeak=16:52	FePeak.c/s=22	#Peaks=1	dt= 0.5s	XFN=929206
		Wavelength=137	Exp #=98493	Rast=180"x180" Rast=70"x70"	Step=10" Step=5"	Cad= 332s 1 Pitch=+487",	1.024s/pixel ",Yaw=+233"
CS 17:32	17:40	CaPeak.c/s=157	Associated Event # = 23364 l Qual= 6 FePeak=17:33	FePeak.c/s=219		dt= 0.5s	XEN=929207
17:36		Wavelength=137	Exp #=98494	Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Ö	1.024s/pixel ".Yaw=+171"
BCS 17:40 17:44	17:48	CaPeak.c/s=927	Associated Event $\#$ = 23365 Qual= 6 FePeak=17:44	FePeak.c/s=174	#Peaks=1	•	XEN=929208
17:39		Wavelength=137	Exp #=98495	Rast=180"x180" Rast=70"x70"	Step=10" Step=5"	Cad= 332s   Pitch=+497",	1.024s/pixel ", Yaw=+392"
BCS 17:48 17:52	17:56	CaPeak.c/s=867	Associated Event $\#$ = 23366 Qual= 6 FePeak=17:52	FePeak.c/s=160		dt= 0.5s	XEN=929209
17:39	· · ·	Wavelength=13	Exp #=98495		Step=10" Step=5"		1.024s/pixel ", Yaw=+392"
\$ 20:36 20	21:03	CaPea	event # = 2336/ FePeak=21:01	FePeak. c/s=34	#Peaks=1	dt= 7.7s	XEN=929211
VSP 20:38		Wavelength=1375A	Exp #=98498	Rast=180"x180" Rast=265"x265"		Cad= 332s 1 Pitch=+510",	1.024s/pixel ',Yaw=+58"
Event # = 23359 89/10/19,14:34 DOY=292 Start Peak	92 End times						
GUES BCS 14:34 14:34 ECS	15:25	Qua CaPeak.c/s=6429 Qua	Qual=05 Qual= 5 FePeak=14:34	FePeak.c/s=1536	#Peaks=1	dt= 3.8s	XEN=929202
VSP 14:33	-	Wavelength=1375A	Exp #=98490	Rast=180"x180" Rast=265"x265"	Step=10" Step=5"	Cad= 332s Pitch=+511"	1.024s/pixel ', Yaw=+107"

EVent # = 25501 89/10/19,16:12 Start GOES 16:11 ECS 16:11	DOY=292 Peak 16:12	End times 16:42	CaPeak.c/s=1888	Qual=05 Qual= 6	FePeak=16:12	FePeak.c/s=487 Rast=180"x180"	#Peaks=3 Step=10"	dt= 0.5s X Cad= 332s 1	XEN=929204 1.024s/pixel
UVSP 16:07			Wavelength=1375A		Exp #=98493		Step=5"	Pitch=+487"	, Yaw=+233"
Event # = 12225 89/10/19,19:35 Start	D0Y=292 Peak	End times		00=[en0					
UVSP 19:35:02	19:35:23	19:35:27	Peakc/s=51 Wavelength=1375A	Qual=01	Tot Cts=165 Exp #=98497	MaxkeV=88 Rast=70"x70"	Step=5"	Pitch=+502"	, Yaw=+98"
Event # = 12226 89/10/19,19:38 Start	DOY=292 Peak	End times	*						
GOES HXRBS* 19:38:24 19:38:47 UVSP 19:11	19:38:47	19:39:14	Peakc/s=62 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=236 Exp #=98497	MaxkeV=62 Rast=70"x70"	Step=5"	Pitch=+502"	, Yaw=+98"
Event # = 12227 89/10/19,20:35 Start	D0Y=292 Peak	End times							
GOES HXRBS* 20:35:30 UVSP 20:38	20:35:30 20:35:42 20:38	20:35:55	Peakc/s=49 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=106 Exp #=98498	MaxkeV=62 Rast=265"x265"	Step=5"	Pitch=+510"	', Yaw=+58"
				89/10/20	) D0Y=293				
Event # = 23368 89/10/20,04:14 Start Optical	D0Y=293 Peak	End times	HaClass=SF	\$20E79			Carr.Lon.=131deg	=131deg	H.Ang=82deg
GOES BCS 04:11	04:14	90:50	CaPeak.c/s=45	Qual=00 Qual= 4	FePeak=04:12	FePeak.c/s=6 Ract=240"x240"	#Peaks=1	dt= 7.7s Cad= 262s	XEN=929300 1.024s/pixel
VSP 04:03			Wavelength=2788A		Exp #=98508	Rast=180"x1"		Pitch=+382	', Yaw=-70"
Event # = 12237 89/10/20,06:26 Start	D0Y=293 Peak	End times		00 100					
GOES HXRBS* 06:26:32 06:26:52 06:27:14 UVSP 06:28	06:26:52	06:27:14	Peakc/s=45 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=117 Exp #=98511	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=+382"	', Yaw=-104"
Event # = 12236 89/10/20,06:27 Start	D0Y=293 Peak	End times		00={en0					
HXRBS* 06:12:27 BCS 05:47	06:12:33 06:27	3 06:13:15 06:31	Peakc/s=45 CaPeak.c/s=26	Qual=01 Qual= 4	Tot Cts=160 FePeak=06:28	MaxkeV=62 FePeak.c/s=6 Rast=240"x240"	#Peaks=3 Step=15"	dt= 7.7s Cad= 262s	XEN=929301 1.024s/pixel
UVSP 06:28 Radio Sweeps	Type/1	Type/Intensity:	Wavelength=2788A III/3		Exp #=98511	Rast=180"x1"		Pitch=+382	", Yaw=-104"

HaClass=SF   S27W02   AR5747   Mac.=DKC     O7:30	Event # = 12228 89/10/20,07:30 DOY=293 Start Peak End times	2						
07:30:11 07:30:23 Peakc/s=100 Qual=01 Tot Cts=818 Febak.c/s=7 Qual=01 Tot Cts=818 Febak.c/s=7 Peak Febak.c/s=7 Qual=01 Febak=07:30 Febak.c/s=7 Peak Febak.c/s=7 Qual=01 Febak=07:30 Febak.c/s=7 Peak Febak.c/s=29 Qual=01 Febak=07:31 Peak Febak.c/s=59 Qual=01 Febak=07:33 Fast=180"x1"  D0Y=293 Febakc/s=59 Qual=01 Febak=07:53 Fast=180"x1"  D0Y=293 Febakc/s=154 Qual=01 Febak=07:53 Febak.c/s=20 Qual=01 Febak=07:53 Peakc/s=50 Qual=01 Febak=07:53 Peak.c/s=20 Qual=01 Febak=07:53 Peak.c/s=20 Qual=01 Febak=07:53 Peak.c/s=20 Qual=01 Febak=07:53 Peak.c/s=20 Qual=01 Febak=07:53 Peak.c/s=20 Qual=01 Febak=08:00 Febak.c/s=20 Qual=01 Febak=08:00 Febak.c/s=20 Qual=01 Febak=08:00 Febak.c/s=20 Qual=01 Febak=08:00 Febak.c/s=50 Qual=01 Febak=08:00 Febak.c/s=50 Qual=01 Febak=08:00 Febak.c/s=50 Qual=01 Febak=08:00 Febak.c/s=50 Qual=01 Febak=08:00 Febak.c/s=50 Qual=01 Febak=08:00 Febak.c/s=50 Qual=01 Febak=08:00 Febak.c/s=50 Qual=01 Febak=08:00 Febak.c/s=50 Qual=01 Febak=08:01 Febak=08:01 Febak=08:01 Febak=08:01 Febak-c/s=7 Febak=08:01 Fe		Ha.	\$27W02	AR5747	Mac.=DKC	Carr.Lon.=210deg	=210deg	H.Ang=33deg
DOY=293 Peak  O7:41:47 O7:43:10 Peakc/s=59 Qual=00 O7:41:47 O7:43:10 Peakc/s=59 Qual=01 O7:42:33 End times  HaClass=SF SZWOO AR5747 Mac.=DKC O7:52:38 O7:55:45 Peakc/s=1544 Qual=01 O7:57:38 O7:55:45 Peakc/s=1544 Qual=01 O7:57:38 O7:57:48 Peakc/s=1544 Qual=01 O7:57:38 O7:57:48 Peakc/s=60 Qual=01 O7:57:38 O7:57:48 Peakc/s=60 Qual=01 O7:57:38 O7:57:48 Peakc/s=64 O9:02 CaPeak.c/s=52 Qual=0 O7:57:38 O7:57:48 Peakc/s=64 O07:57:38 O7:57:48 Peakc/s=64 O07:57:38 O7:57:48 Peakc/s=64 O07:57:38 O7:57:48 Peakc/s=64 O07:57:38 O7:57:48 Peakc/s=64 O07:57:57:58 O7:57:48 Peakc/s=65 O07:57:58 O7:57:48 Peak.c/s=55 O07:57:57:58 O7:57:48 Peak.c/s=55 O07:57:57:58 O7:57:48 Peak.c/s=56 O07:57:57:58 O7:57:48 Peak.c/s=56 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:48 Peak.c/s=57 O07:57:57:58 O7:57:58 O7:57:58 O7:57:58 O7:57:58 O7:57:58 O7:57:58 O7:57:58 O7:57:58 O7:57:57:58 O7:57:58	07:29:48 07:30:11 07:28 07:30	9 B	Qual=01 Qual= 1	Tot Cts=818 FePeak=07:30	MaxkeV=88 FePeak.c/s=7	#Peaks≖1	dt= 7.7s	XEN=929302
DOY=293 Peak  O7:41:47 O7:43:10 Peakc/s=59 Qual=00 O7:41:47 O7:43:10 Peakc/s=59 Qual=01 DOY=293  Exp #=98513 Haxkev=88  DOY=293  Exp #=98513 Haxkev=88  Qual=01  O7:54 O7:56 Importance=C9 Qual=01 O7:53 O7:59 Peakc/s=154 Qual=01 O7:53 O7:59 Peakc/s=154 Qual=01 O7:57:38 O7:55:45 Peak.c/s=20  Wavelength=2788A Code=02  Exp #=98513 Rast=180"x1" Wavelength=2788A Code=02  O7:57:38 O7:57:48 Peak.c/s=56 Qual=01 O7:57:38 O7:57:48 Peak.c/s=54 Qual=01 O7:57:38 O7:57:48 Peak.c/s=54 Qual=01 O7:57:38 O7:57:48 Peak.c/s=55 Qual=01 O7:57:38 O7:57:48 Peak.c/s=54 Qual=01 O7:59 O8:02 CaPeak.c/s=22 Qual=01 O7:50 O8:02 CaPeak.c/s=22 Qual=01 O7:50 O8:02 CaPeak.c/s=22 Qual=01 O7:50 O8:02 CaPeak.c/s=22 Qual=01 O7:50 O8:02 CaPeak.c/s=22 Qual=01 O7:50 O8:02 CaPeak.c/s=22 Qual=01 O7:50 O8:02 O8:02 CaPeak.c/s=22 O8:02 Ca8:02 CaPeak.c/s=22 O8:02 CaPeak.c/s=22 O8:02 CaPeak.c/s=22 O8:02	UVSP 07:06	Wavelength=2788A		Exp #=98512	Kast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+382",	1.024s/pixel ",Yaw=-109"
07:41:47 07:43:10 Peakc/s=59 Qual=01 Tot Cts=1183 Maxkey=88  D0Y=293  Peak  Havelength=2788A  Peak  D0Y=293  Peak	D0Y=293 Peak End	S.						
DOY=293  Peak End times  HaClass=SF SZ7W00  O7:54  O7:55  O7:59  O7:59  O7:55  O7:59  O7:53  O7:59  O7:53  O7:57:38  O7:57:	77:40:58 77:58			Tot Cts=1183 Exp #=98513	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=+382'	Pitch=+382",Yaw=-116"
07:54	DOY=293 Peak End	S						
07:52:38 07:55:45 Perkt. C./S=1544 Qual=11 Tot Cts=46488 MaxkeV=218 07:53 07:59 CaPeak.c/s=1544 Qual=1 FePeak=07:53 FePeak.c/s=220 07:53 07:59 Peak.c/s=560 Qual=1 FePeak=07:53 FePeak.c/s=220 07:57:38 07:57:48 Peak.c/s=60 Qual=01 Tot Cts=469 MaxkeV=88 07:57:38 07:57:48 Peak.c/s=60 Qual=01 Tot Cts=469 MaxkeV=88 07:57:38 07:57:48 Peak.c/s=60 Qual=01 Tot Cts=469 MaxkeV=88 07:57:38 07:57:48 Peak.c/s=54 Qual=01 Tot Cts=137 MaxkeV=88 08:00:13 08:00:20 Peak.c/s=52 Qual=5 FePeak=08:00 FePeak.c/s=5 09:00:13 08:00:20 Peak.c/s=52 Qual=5 FePeak=08:00 FePeak.c/s=5 00:00:13 08:00:20 Peak.c/s=54 Qual=01 Tot Cts=137 MaxkeV=88 00:00:12:48 09:13:11 Peak.c/s=55 Qual=01 Tot Cts=255 MaxkeV=88 00:12:48 09:13:11 Peak.c/s=27 Qual=1 FePeak=09:11 FePeak.c/s=7 00:12:48 09:13:11 Peak.c/s=27 Qual=1 FePeak=09:11 FePeak.c/s=7 00:12:48 09:13:11 Peak.c/s=27 Qual=1 FePeak=09:11 FePeak.c/s=7 00:12:48 09:13:11 Peak.c/s=27 Qual=1 FePeak=09:11 FePeak.c/s=7	07:54 07		\$27400 0.13 ]=01	AR5747	Mac.=DKC	Carr.Lon.=208deg	=208deg	H.Ang=32deg
y(MHz)/Flux(sfu): Wavelength=2788A Code=02 Exp #=98513 Rast=240"x240"	07:51:20 07:52:38 07:43 07:53		Qual=11 Qual= 1	Tot Cts=46488 FePeak=07:53	MaxkeV=218 FePeak.c/s=220	Flags=DG, F #Peaks=2	.s dt= 7.7s	XEN=929303
07:57:38 07:57:48 Peakc/s=60 Qual=01 Tot Cts=469 MaxkeV=88  D0Y=293  Peak End times  08:00:13 08:02 CaPeakc/s=54 Qual=01 Tot Cts=137 Peak.c/s=5  07:59 08:02 CaPeak.c/s=22 Qual= 5 FePeak=08:00 FePeak.c/s=5  Mayelength=2788A Exp #=98513 Rast=180"x1"  D0Y=293  Peak End times  HaClass=SF S27W00 AR5747 Mac.=DKC  Qual=01 Tot Cts=25 MaxkeV=88  Qual=01 Tot Cts=25 MaxkeV=88  Qual=01 Tot Cts=25 MaxkeV=88  Qual=01 Tot Cts=25 Qual=01 Cts=25 MaxkeV=88  Qual=01 Tot Cts=25 MaxkeV=88  Qual=01 Tot Cts=25 MaxkeV=88  Qual=01 Tot Cts=25 MaxkeV=88  Qual=01 Tot Cts=25 MaxkeV=88  Qual=01 Tot Cts=25 MaxkeV=88  Qual=01 Tot Cts=137 Peak.c/s=7  Auvelength=2788A Exp #=08515 Peak.c/s=7	)7:58 Frequency(MHz)/Flux(sfu)	Wavelength=2788A 15400/64		Exp #=98513	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=+382	1.024s/pixel ",Yaw=-116"
D0Y=293 Peak End times  0ual=00 08:00:13 08:00:20 Peakc/s=54 Qual=01 Tot Cts=137 MaxkeV=88 07:59 08:02 CaPeak.c/s=22 Qual= 5 FePeak=08:00 FePeak.c/s=5 MaxkeV=88 Exp #=98513 Rast=180"x1"  D0Y=293 Peak End times HaClass=SF S27W00 AR5747 Mac.=DKC Qual=00 09:12:48 09:13:11 Peakc/s=56 Qual=01 Tot Cts=255 MaxkeV=88 09:13 09:16 CaPeak.c/s=27 Qual= 1 FePeak=09:11 FePeak.c/s=7 MaxkeV=88 D0:13 09:16 CaPeak.c/s=27 Qual= 1 FePeak=09:11 FePeak.c/s=7	7:56:58	Peakc/s=60	ssociated Qual=01	Event # = 12231 Tot Cts=469	MaxkeV=88	1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
07:59:56 08:00:13 08:00:20	D0Y=293 Peak							
77:58 Rast=180"x180" = 12233 9,09:13 D0Y=293 Start Peak End times HaClass=SF S27W00 AR5747 Mac.=DKC Qual=00 19:12:40 09:13:11 Peakc/s=56 Qual=01 Tot Cts=255 MaxkeV=88 19:10 09:13 09:16 CaPeak.c/s=27 Qual= 1 FePeak=09:11 FePeak.c/s=7 19:30 Wavelength=27884 Exp. 4=08515 Pepeak.c/s=7 07:59:56 08:00:13 07:59 07:59		Qual=00 Qual=01 Qual= 5		MaxkeV=88 FePeak.c/s=5	#Peaks=1	dt= 7.7s	XEN=929304	
= 12233 ),09:13 D0Y=293 Start Peak End times HaClass=SF S27W00 AR5747 Mac.=DKC Qual=00 09:12:40 09:12:48 09:13:11 PeakC/s=56 Qual=01 Tot Cts=255 MaxkeV=88 99:10 09:13 09:16 CaPeak.c/s=27 Qual= 1 FePeak=09:11 FePeak.c/s=7 MaxkeV=88 90:10 09:13 09:16 CaPeak.c/s=27 Qual= 1 FePeak=09:11 FePeak.c/s=7 MaxkeV=88	UVSP 07:58	Wavelength=2788A		#=98513	Rast=180"x180" Rast=180"x1"		Cad= 332s 1 Pitch=+382",	1.024s/pixel ,Yaw=-116"
Udal=UU	= 12233 0,09:13 DOY=293 Start Peak End	HaClass=SF	\$27W00	AR5747	Mac.=DKC	Carr. Lon.=207deg	-207deg	H.Ang=32deg
	09:12:40 09:12:48 09:10 09:13	Peakc/s=56 CaPeak.c/s=27	Qual=00 Qual=01 Qual= 1		MaxkeV=88 FePeak.c/s=7		dt= 7.7s	XEN=929305
12.00 Rascielly Li-2/00A Exp #=90013 Rasc=180"XI	UVSP 09:30	Wavelength=2788A		Exp #=98515	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s 1 Pitch=+382",	1.024s/pixel ', Yaw=-129"

Event # = 12234 89/10/20,10:18 Start GOES HXRBS* 10:15:21 BCS 10:18 FCS UVSP 10:08	00Y=293 Peak 10:15:45 10:18	End times 10:17:38 10:24	Peakc/s=84 CaPeak.c/s=58 Wavelength=2788A	Qual=06 Qual=01 Qual= 5	Tot Cts=1653 FePeak=10:18 Exp #=98516	MaxkeV=88 FePeak.c/s=13 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s X Cad= 262s 1 Pitch=+382",	XEN=929306 1.024s/pixe1 ", Yaw=-134"
Event # = 12235 89/10/20,10:59 Start GOES HXRBS* 10:55:43 BCS 10:57 FCS	DOY=293 Peak 10:56:02 10:59	End times 10:56:32 11:03	Peakc/s=61 CaPeak.c/s=24 Wavelength=2788A	Qual=00 Qual=01 Qual= 1	Tot Cts=288 FePeak=10:59 Exp #=98517	MaxkeV=114 FePeak.c/s=5 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s X Cad= 262s 1 Pitch=+382",	XEN=929307 1.024s/pixel ", Yaw=-141"
Event # = 12238 89/10/20,15:09 Start GOES HXRBS* 15:08:26 GRS 15:09:00 UVSP 15:09 Radio Frequenc	DOY=293 Peak 15:09:27 :y(MHz)/F	= 12238 0,15:09 DOY=293 Start Peak End times 15:08:26 15:09:27 15:17:59 15:09:00 15:10 Frequency(MHz)/Flux(sfu):	Qi Peakc/s=8122 Qi Wavelength=1375A 8800/120 15400/700	Qual=01 Qual=02 00	Tot Cts=2.55E+5 MaxkeV=461 Exp #=98526 Rast=30"x3	5 MaxkeV=461 Rast=30"x30"	Flags=M5,SN Step=5"P	SN Pitch=+587"	N Dur=120sec Pitch=+587",Yaw=-58"
Event # = 12239 89/10/20,15:26 Start Optical GOES HXRBS* 15:20:45 UVSP 15:21	DOY=293 Peak 5 15:26:14	End times 1 15:31:29	HaClass=SF HaClass=SF Peakc/s=47 Wavelength=1375A	\$06E03 \$18E78 Qual=00 Qual=01	AR5747 AR5754 Tot Cts=1700 Exp #=98528	Mac.=DKC MaxkeV=62 Rast=30"x30"	Carr.Lon.=201deg Carr.Lon.=126deg Step=5" Pitch=	+587	H.Ang=12deg H.Ang=80deg ",Yaw=-75"
Event # = 12240 89/10/20,16:24 Start Optical GOES HXRBS* 16:30:25 BCS 16:24 FCS	D0Y=293 Peak 5 16:31:42	D0Y=293 Peak End times 16:31:42 16:33:21 16:24 16:48	HaClass=SF Peakc/s=57 CaPeak.c/s=52 Wavelength=1375A	\$16#19 Qual=00 Qual=01 Qual= 5	AR5755 Tot Cts=1195 FePeak=16:37 Exp #=98531	MaxkeV=62 FePeak.c/s=8 Rast=240"x240" Rast=265"x265"	Carr.Lon.=222deg #Peaks=1 dt= 7. Step=15" Cad= 2 Step=5" Pitch=	=222deg dt= 7.7s cad= 262s Pitch=+509"	H.Ang=28deg XEN=929308 1.024s.pixel ", Yaw=-102"
Event # = 12241 89/10/20,16:41 Start GOES HXRBS* 16:41:30 UVSP 16:40	D0Y=293 Peak 0 16:41:47	# = 12241 20,16:41 DOY=293 Start Peak End times 16:41:30 16:41:47 16:42:06 16:40	Peakc/s=45 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=149 Exp #=98535	MaxkeV=62 Rast=30"x30"	Flags=ND Step=5"	1	Pitch=+481", Yaw=-71"

	+481", Yaw=-71"	H.Ang=78deg	H.Ang=78deg 's XEN=929309 22s 1.024s/pixel -545", Yaw=-77"	is XEN=929310 2.2 1.024s/pixel 508", Yaw=-138"	H.Ang=33deg s XEN=929311 2s 1.024s/pixe1 515", Yaw=-103"	s XEN=929312 2s 1.024s/pixel 515", Yaw=-118"
	5" Pitch=+481"	Carr.Lon.=126deg Step=0" Pitch=+485"	Carr.Lon.=126deg H #Peaks=1 dt= 7.7s X Step=10" Cad= 332s 1 Step=0" Pitch=+545"	=1 dt= 3.8s X 0" Cad= 332s 1 " Pitch=+508",	Carr.Lon.=211deg Flags=M5,ES #Peaks=1 dt= 7.7s Step=10" Cad= 332s Step=5" Pitch=+515"	=2 dt= 7.7s x 0" Cad= 332s 1 Pitch=+515",
	Step=5"			#Peaks=1 0" Step=10" 5" Step=5"		#Peaks=2 3" Step=10" Step=5"
	MaxkeV=88 Rast=30"x30"	MaxkeV=114 Rast=10"x10"	FePeak.c/s=13 Rast=180"x180" Rast=10"x10"	MaxkeV=114 FePeak.c/s=12 Rast=180"x180" Rast=265"x265"	Mac.=DKC MaxkeV=114 FePeak.c/s=213 Rast=180"x180" Rast=30"x30"	MaxkeV=114 FePeak.c/s=13 Rast=180"x180" Rast=30"x30"
	Tot Cts=3959 Exp #=98535	AR5754 Tot Cts=324 Exp #=98551	AR5754 FePeak=19:58 Exp #=98555	Tot Cts=1885 FePeak=20:58 Exp #=98558	AR5747 Tot Cts=57964 FePeak=21:32 Exp #=98564	Tot Cts=156 FePeak=22:38 Exp #=98569
	Qual=00 Qual=01 A	\$19E75 Qual=01 Qual=01 A Code=00	S19E75 Qual=00 Qual= 1	Qual=00 Qual=01 Qual= 5	\$26W11 Qual=03 Qual=03 Qual= 1 Code=00	Qual=00 Qual=01 Qual= 1
	Peakc/s=124 Wavelength=1375A	HaClass=SF Importance=C5 Peakc/s=51 Wavelength=1375A	HaClass=SF CaPeak.c/s=41 Wavelength=1375A	Peakc/s=95 CaPeak.c/s=55 Wavelength=1375A	HaClass=1N Importance=M1 PeakC/s=448 CaPeak.c/s=796 Wavelength=1375A	Peakc/s=41 CaPeak.c/s=64 Wavelength=1375A
	End times 116:53:04	End times 19:39 19:35:02	End times 20:06	End times 20:56:46 21:24	End times 22:01 21:42:26 21:42	End times 22:30:51 22:49
	2 DOY=293 Peak 3 16:50:39	3 DOY=293 Peak 19:37	) DOY=293 Peak 19:59	DOY=293 Peak 20:55:43 20:58	DOY=293 Peak 21:34 21:31:28 21:33	DOY=293 Peak 22:30:36 22:38
Ver = # + + + + + + + + + + + + + + + + + +	89/10/20,16:50 Start GOES HXRBS* 16:49:53 UVSP 16:40	Event # = 12243 89/10/20,19:37 Start Optical GOES 19:33 HXRBS* 19:34:10 UVSP 19:33	Event # = 23369 89/10/20,19:59 Start Optical 60ES 19:57 FCS UVSP 19:58	Event # = 12244 89/10/20,20:58 Start GOES HXRBS* 20:55:30 BCS 20:58 FCS 20:58	vent # = 1224 9/10/20,21:34 9/10/20,21:34 ptical 0ES 21:29 0ES 21:27:0 CS 21:26 VSP 21:26	Event # = 12246 89/10/20,22:38 Start GOES HXRBS* 22:30:22 BCS 22:30 FCS UWSP 22:34

FePeak.c/s=8 #Peaks=1 dt= 7.7s XEN=929313 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixe1 Rast=30"x30" Step=5" Pitch=+509",Yaw=-125"	Carr.Lon.=128deg H.Ang=74deg MaxkeV=140 Rast=30"x30" Step=5" Pitch=+509",Yaw=-122"	MaxkeV=114 Rast=20"x30" Step=1" Pitch=+509", Yaw=-134" FePeak.c/s=5 #Peaks=1 dt= 7.7s XEN=929400 Rast=240"x240" Step=15" Cad= 262s 1.024s/pixe1 Rast=243"x243" Step=3" Pitch=+507", Yaw=-174"	Mac.=EKC Carr.Lon.=207deg H.Ang=34deg 5 MaxkeV=382 Flags=M5,FS Dur=60sec FePeak.c/s=448 #Peaks=1 dt= 3.8s XEN=929401 Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel Rast=243"x243" Step=3" Pitch=+507",Yaw=-174" 1/630 2	
FePeak=22:59 Exp #=98573	AR5754 Tot Cts=1495 Exp #=98575	DOY=294  Tot Cts=1305  Exp #=98584  FePeak=01:30  Exp #=98585	AR5747 Mac.=EKC Tot Cts=2.40E+5 Maxkev=382 FePeak=01:56 FePeak.c/s Exp #=98585 Rast=180"x 8880/320 15400/630 Event # = 23372 FePeak=02:04 FePeak.c/s	
Qual=00	S19E71 Qua]=00 Qua]=01	89/10/21 Qual=00 Qual=01 Qual=00 Qual=5	\$28W09 Qual=01 \$ Qual=01 2 Qual= 1 \$A Code=00 60 4995/120 Associated Qual= 5	Qua1=00
CaPeak.c/s=21 Wavelength=1375A	HaClass=SF Peakc/s=186 Wavelength=1375A	Peakc/s=115 Wavelength=1375A CaPeak.c/s=30 Wavelength=2788A	HaClass=1N Importance=M2 Peakc/s=383; CaPeak.c/s=160; Wavelength=278 1415/51 2695/10	
End times 23:05	End times 23:16:14	End times 00:40:34 End times 01:37	End times 02:03 01:59:52 01:54:00 02:04	End times
DOY=293 Peak 23:00	DOY=293 Peak 23:15:23	DOY=294 Peak 00:40:05 DOY=294 Peak 01:29	0Y=294 eak 11:56 11:54:37 11:56 (MHz)/F	D0Y=294 Peak
Event # = 23370 89/10/20,23:00 Start 60ES BCS 22:59 FCS UVSP 22:57	= 12247 '0,23:15 Start 23:15:13 23:07	Event # = 12248 89/10/21,00:40 D0Y=294 Start Peak End time GOES HXRBS* 00:39 UVSP 00:39 UVSP 00:39 Event # = 23371 89/10/21,01:29 D0Y=294 Event # = 23371 89/10/21,01:29 D0Y=294 Event # = 23371 Event # = 23371 Event # = 23371 Event # = 23371 Event # = 23371 Event # = 23371 BVSP 01:39 UVSP 01:33	# <sub>0</sub>	Event # = 12635 89/10/21,04:58 Start 60ES
Event 89/10/ 60ES BCS FCS UVSP	Event #89/10/2 0ptical GOES HXRBS* UVSP	Event 89/10, 60ES HXRBS: UVSP UVSP Event 89/10, 60ES BCS FCS	Event 89/10/ 89/10/ 0ptica 60ES 60ES FCS FCS FCS Radio	Event #89/10/2

Event # = 12637 89/10/21,05:18 DOY=	D0Y=294								
	<b>∡</b> ∝	⊒es	HaClass*1F	\$26E16	AR5753	Mac.≖CSO	Carr.Lon.=180deg	.=180deg	H.Ang=35deg
05:16:23 05:16: 05:18 Frequency (MHz)	16:46 Hz)/F1	05:17:41 ux(sfu):	akc/s=50 velength=27 5/68 410/45	Qual=01 Qual=01 T 88A Code=02 E 606/19 8800/4	살살다	MaxkeV=88 Rast=180"xl"	Flags=I,  Step=0"	,ND Pitch=+379"	", Yaw=-31"
* 05:13:06 05:1	13:26	. 6	Peakc/s=50	Associated Qual=01	Event # = 12636 Tot Cts=560	MaxkeV=62	Flags=I,	ON	1 1 1 1
Event # = 12250 89/10/21,11:28 DOY=294 Start Peak	±29 <b>4</b>	End times	13 25 E. C. E. H.	20017	TACTACA	,			
11:25:00 11:2 11:27 11:2	11:26:01	11:27:09	• ആവ	Qual=00 Qual=01	Tot Cts=1391	MaxkeV=140	carr.Lon.#210deg	".	H. Ang≖39deg
]	<b>)</b>	:	Wavelength=2788A		Exp #=98598	rereak.c/s=/ Rast=240"x240" Rast=180"x1"	#Feaks=1 Step=15" Step=0"	<pre>at= /./s X Cad= 262s 1 Pitch=+377",</pre>	XEN=929403 1.024s/pixel ",Yaw=-79"
Event # = 23373 89/10/21,12:12 DOY=294 Start Peak	294	End times							
12:1	0 <del>14</del>	12:16	CaPeak.c/s≖24 Peak3c/s≖1	Qua]=00 Qua]= 5	FePeak=12:12	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=929404
			Wavelength=2788A		Exp #=98599	Rast=180"x1"	Step=0"	Pitch=+377"	", Yaw=-84"
Event # = 23374 89/10/21,12:58 DOY=29 Start Peak	294	End times							
12:58 12:58 12:51	∞∞⊶	13:03 13:04	ndc.dass=sr Importance=C5 CaPeak.c/s=163 Peak3c/s=51	0.02 = 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	AK5/4/ FePeak=12:58	Mac.=EKC FePeak.c/s=28 Rast=180"×180"	Carr.Lon.=205deg #Peaks=1 dt= 7. <+en=10" Cad= 2	=205deg dt= 7.7s Cad= 332s	
			Wavelength=2788A	\ Code=00	Exp #=98600	Rast=180"x1"	Step=0"	Pitch=+377	", Yaw=-91"
# = 23375 /21,14:27 DOY=294 Start Peak	294	End times		0:121=00					
14:27	7	14:29	CaPeak.c/s=23 Wavelength≈1375A	Qual= 4	FePeak=14:27 Exp #=98609	FePeak.c/s=7 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+492"	XEN=929406 1.024s/pixel ",Yaw=-266"
Event # = 12641 89/10/21,20:05 D0Y=29 Start Peak GOES 19:55 20:05 HXRBS* 20:01:42 20:03: BCS 19:55 20:04 FCS	43	End times 20:12 20:04:39 20:16	Importance=C5 Qual=O1 Peakc/s=107 Qual=O1 CaPeak.c/s=272 Qual= 1		Tot Cts=4620 FePeak=20:04	MaxkeV=88 FePeak.c/s=64 Rast=180"x180"	Flags=I #Peaks=1 Step=10"	dt= 7.7s Cad= 332s	XEN=929407 1.024s/pixel
			17 17 113 Rip 17 18			Kd51-20 A30	Step=1	"Y1cn=+5∠y	, Yaw=-264"

			1		ı								l	1
	Pitch=+539", Yaw=-25	Pitch=+539",Yaw=-258"	Carr.Lon.=115deg H.Ang=73deg	;" Pitch=+524",Yaw=-285"	Carr. Lon. = 208deg H. Ang = 39deg	+519	=M5,ES		3" Pitch=+501",Yaw=-338"		Carr.Lon.=127deg H.Ang=61deg	+372"	Carr.Lon.=208deq H.Ang=39deq	+372"
	. Sign	Flags#I Step=5"	Carr.l	Step=5"	Carr.1	Carr.Lo	 Flags=M5		Step=3"		Carr.	Flags=M Step±0"	Carr.	Step=0"
Max Ras	MaxkeV=88 Rast=30"x30"	MaxkeV=88 Rast=30"x30"		MaxkeV=88 Rast=30"x30"	Mac.=EKC	MaxkeV=245 Rast=30"x30"			MaxkeV=88 Rast=243"x243"		Mac.=DSI	MaxkeV=218 Rast=180"x1"	Mac.=EKC	MaxkeV=114 Rast=180"x1"
Event # = 12638 Tot Cts=930 Exp #=98639	Event # = 12039 Tot Cts=1050 Exp #=98639	Event # = 12040 Tot Cts=291 Exp #=98639	AR5758	Tot Cts=400 Exp #=98650	AR5747	AK5/54 Tot Cts=10787 Exp #=98654	Event # = 12253 Tot Cts=8969		Tot Cts=204 Exp #=98655	2 D0Y=295	AR5754	Tot Cts=25607 Exp #=98657	AR5747	Tot Cts=7566 Exp #=98659
Associated Qual=01	Associated Qual=01 5A	Associated Qual=01 5A	S11E72	(ual=01 (ual=01	\$28W21	519E5/ Qual=03 Qual=01 Code=00	Associated Qual=03	0na]=00	Qual=01	89/10/22	S14E58	Qual=03 Qual=01 Code=00	227W23	Qual=01 Qual=01
c/s=87 length=137	c/s=66 length=137	Peakc/s=57 Wavelength=1375A	HaClass=SF	Peakc/s=54 Wavelength=1375A		HaClass=SF Importance=C6 Peakc/s=283 Wavelength=1375A	c/s=207		Peakc/s=60 Wavelength=2788A		HaClass=1F	7 88A	HaClass=SF	Importance=C4 Peakc/s=209 Wavelength=2788A
19:54:47 19:55:21	XRBS* 19:56:51 19:57:16 19:57:58 VSP 19:52	HXRBS* 19:59:33 19:59:54 20:00:07 UVSP 19:52	Event # = 12251 89/10/21,21:42 DOY=294 Start Peak End times Optical	GUES HXRBS* 21:42:23 21:42:37 21:42:56 UVSP 21:35	= 12252 1,22:04 DOY=294 Start Peak End times	ptical 0ES 21:59 22:04 22:09 XRBS* 21:53:51 21:54:59 21:56:37 VSP 21:56	Kadlo Frequency(MHZ)/Flux(STU):	Event # = 12254 89/10/21,23:08 DOY=294 Start Peak End times GOFS	HXRBS* 23:08:30 23:08:40 23:08:50 UVSP 22:51		2,01:04 DOY=295 Start Peak End times	GÖES 00:58 01:04 01:11 HXRBS* 00:59:15 01:00:52 01:07:45 UVSP 01:03	= 12256 2,02:21 DOY=295 Start Peak End times	GOES 02:17 02:21 02:25 HXRBS* 02:18:38 02:19:30 02:20:41 UVSP 02:35

Event # = 23376 89/10/22,09:55 Start	76 15 DOY=295 Peak	End times							
60ES BCS 09:32 FCs	09:55		CaPeak.c/s=39	Qual=00 Qual= 1	FePeak=09:55	FePeak.c/s=8		dt= 7.7s	XEN=929500
P 09:54			Wavelength=1375A		Exp #=98680	Rast=240"x240" Rast=50"x50"	Step=15 Step=5"	Cad= 262s Pitch=-471"	1.024s/pixel ",Yaw=+428"
Event # = 1225, 89/10/22,10:56 Start Start	57 6 D0Y=295 Peak	End times							
HXRBS* 10:56:07 UVSP 11:00	07 10:56:35	5 10:57:19	Peakc/s=41 Wavelength=1375A	Qual=00 Qual=02	Tot Cts=339 Exp #=98684	MaxkeV=62 Rast=265"x265"	Flags=SN Step=5"	Pitch=+497"	", Yaw=-425"
Event # = 12258 89/10/22,11:24 Start	58 4 D0Y≈295 Peak	End times							
S 11:17 S 11:17 BC* 11:17:06	11:24	11:51	HaClass=SN Importance=M2	\$27W26 Qual=03	AR5747		Carr.Lon.=206deg	=206deg	H.Ang=41deg
11:17	11:23	11:52	reakc/s=2995 CaPeak.c/s=1072	Qual=01 Qual≖ 1	lot Cts=1.99E+5 FePeak=11:23	MaxkeV=245 FePeak.c/s=297	Flags=M5 #Peaks=1	dt= 3.8s	XEN=929501
UVSP 11:16 Radio Freque	11:16 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=1375A 2695/80 4995/110	Code=00 8800/93	Exp #=98688 15400/180	kast=180"x180" Rast=30"x30"	Step=10" Step=5"	cad= 332s	I.024s/pīxel ",Yaw≖-389"
Event # = 12259 89/10/22,11:46   Start   Optical	59 6 D0Y=295 Peak	End times	HaClass=SF	N12W67	AP5750		2000 - 200 - med	206460	10 PO PO PO PO PO PO PO PO PO PO PO PO PO
GÖES HXRBS* 11:45:4 HVSP 11:37	:40 11:46:23	11:47:28			Tot Cts=1031	MaxkeV=114		fanne -	fanor-file:
(0.11			Mayereng LII-13/3A			Kast=30"x30"	Step=5"	Pltch=+529"	', Yaw≈-377"
Event # = 12260 89/10/22,12:47 Start Optical GOES	60 7 D0Y=295 Peak	End times	HaClass=SF	\$22W30	AR5747	Mac.=EKC	Carr. Lon.=209deg	=209deg	H.Ang=40deg
HXRBS* 12:41:55 BCS 12:47	55 12:43:39 12:47	12:46:20 13:06	Peakc/s=60 CaPeak.c/s=50	Qual=03 Qual= 5 Qual= 5	Tot Cts=2593 FePeak=12:47	MaxkeV=165 FePeak.c/s=10	Flags=EG #Peaks=1	dt= 3.8s	XEN=929502
UVSP 12:35 Radio Freque	12:35 Frequency(MHz)/Flux(sfu)		Wavelength=1375A 245/74		Exp #=98695	Rast=180"x180" Rast=30"x30"		Cad= 332s 1 Pitch=+513",	1.024s/pixel ',Yaw=-398"
Event # = 12261 89/10/22,13:40 Start	51 ) D0Y=295 Peak	End times	11.23.17						
60ES 13:08 HXRBS* 13:08:30 BCS 13:09	13:40 30 13:10:33 13:11	13:54 13:17:43 13:23	nac.dass=1r Importance=C9 Peakc/s=134 CaPeak.c/s=118	042534 Qual=02 Qual=11	Ak5/54 Tot Cts=6206 FePeak=13:11			26	H.Ang≈59deg ×∈u-020∈02
14:04 o Freque	14:04 Frequency(MHz)/Flux(sfu)		5A 65			Rast=240"x240" Rast=265"x265"	Step=15" Step=5"	Cad= 262s 1 Pitch=+496",	., Yaw=-447"

Event # = 12262 89/10/22,14:16 Start Optical	DOY=295 Peak	End times	HaClass=SF	\$20E49	AR5754	Mac.=DSI	Carr.Lon.=129deg		H.Ang=54deg
GDES HXRBS* 14:15:12 UVSP 14:07	14:16:06 14:16	14:16:37	Peakc/s=63 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=386 Exp #=98704	MaxkeV=114 Rast=10"x10"	Step=0"	Pitch=+518",	, Үам=-474"
Event # = 12263 89/10/22,14:32 Start Optical	D0Y=295 Peak	End times	HaClass=SF	\$20E49	AR5754	Mac.=DSI	Carr.Lon.=129deg		H.Ang=54deg
GDES HXRBS* 14:32:05 UVSP 14:20	14:32:27 14:32	14:32:49	Peakc/s=51 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=352 Exp #=98706	MaxkeV=114 Rast=10"x10"	Step=0"	Pitch=+548",	, Үам=-425"
Event # = 12264 89/10/22,14:42 D Start P GOES HXRBS* 14:41:00 1 UVSP 14:33		DOY=295 Peak End times 14:42:04 14:42:34	Peakc/s=47 Wavelength=1375A	Qua]=00 Qua]=01	Tot Cts=389 Exp #=98708	MaxkeV=114 Rast=10"x10"	Step=0"	Pitch≖+498",Yaw≖-437"	, Yaw≖-437"
Event # = 12265 89/10/22,18:05 Start Optical Optical	00Y=295 Peak	End times	ì	\$27W31 \$19E51	AR5747 AR5754	Mac.=EKC	Carr.Lon.*207deg Carr.Lon.*125deg		H. Ang≈44deg H. Ang≈56deg
7-7	18:05 17:25:20 20:07		ance=X3 .c/s=69 .c/s=352	Qual=02 Qual=04 Qual= 5	Tot Cts=16714 FePeak=20:09	MaxkeV=114 FePeak.c/s=13 Rast=180"x180"	Flags=SG,EG,ND #Peaks=1 dt= 3.8s Step=10" Cad= 332	60	XEN=929505 1.024s/pixel
Radio Frequen BCS 20:04 FCS 20:09 UVSP 20:09	ncy(MHz)/F 	Frequency(MHz)/Flux(sfu): 0:04 20:07 20:23 0:09	245/52 	Associated Qual= 5 5A	Event # = 23377 FePeak=20:07 Exp #=98738	FePeak.c/s=14 Rast=180"x180" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 3.8s ) Cad= 332s ) Pitch=+492",	XEN=929504 1.024s/pixel ", Yaw=-488"
Event # = 12266 89/10/22,20:41 Start GOES HXRBS* 20:40:54 UVSP 20:33	5 00Y=295 Peak 4 20:41:24	End times 4 20:41:55	Peakc/s=57 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=199 Exp #=98744	MaxkeV=62 Rast=30"x30"	Step=5"	Pitch=+519"	, Үаw=-448"
Event # = 23379 89/10/22,21:40 Start 60ES BCS 21:40 FCS UVSP 21:40	9 D0Y=295 Peak 21:40	End times 22:19	CaPeak.c/s=83 Wavelength=1375A	Qual=00 Qual= 5	FePeak=21:53 Exp #=98747	FePeak.c/s=7 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=+492",	XEN=929506 1.024s/pixel ",Yaw=-498"

Event # = 12267 89/10/22,23:24	D0Y=295								
Start Optical GOFS	Peak	End times	HaClass=SF	N13W75	AR5750		Carr. Lon. =248deg	.=248deg	H.Ang=74deg
HXRBS* 23:22:32 BCS 23:11 FCs	23:22:39	9 23:24:05 23:55	Peakc/s=84 CaPeak.c/s=174	Qual=01 Qual=01 Qual= 1	Tot Cts=29748 FePeak=23:23	MaxkeV=88 FePeak.c/s=30	Flags=ND #Peaks=1	dt= 7.7s	XEN=929507
WSP 23:11			Wavelength=2788A		Exp #=98756	Kast=240"x240" Rast=243"x243"		Cad= 262s Pitch=+491	1.024s/pixel ",Yaw=-507"
Event # = 12268 89/10/22,23:35 Start Optical	00Y=295 Peak	End times	Code=LPS	\$33W41	AR5747	Mac.=EKC	Carr.Lon.=214deq		H.Ang=54deg
GUES HXRBS* 23:35:41; UVSP 23:11	23:35:52	23:36:07	Peakc/s=53 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=149 Exp #=98756	MaxkeV=62 Rast=243"x243"	Step=3"	Pitch=+491	Pitch=+491",Yaw=-507"
10000				89/10/23	3 D0Y=296				
89/10/23,00:54 Start Optical Gnes	D0Y=296 Peak	End times	HaClass=SF	N12W76	AR5750	Mac.=BX0	Carr.Lon.=248deg	=248deg	H.Ang*75deg
HXRBS* 00:54:29 UVSP 00:29	00:54:53	00:55:49	Peakc/s=45 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=288 Exp #=98758	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+363", Yaw=-344	", Yaw=-344"
Event # = 12270 89/10/23,01:02 Start Optical	D0Y=296 Peak	End times	HaClass=SF	N12W76	AR5750	Mac.=8X0	Carr.Lon.=248ded	=248dea	H. Ang=75deg
GOES HXRBS* 01:01:19 UVSP 01:22	01:02:04	01:01:19 01:02:04 01:02:48 01:22	Peakc/s=49 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=576 Exp #=98759	MaxkeV=114 Rast=180"x1"	Step=0"	Pitch=+362	Pitch=+362", Yaw=-350"
Event # = 23380 89/10/23,02:10 Start Optical	D0Y=296 Peak	End times	HaClass=SF	\$29¥34	AR5747	Mac.=EKC	Carr. Lon. =205deg	=205deg	H. Ang=47deg
BCS 02:10	02:10	02:38	CaPeak.c/s=94	Qual=00 Qual= 5	FePeak=02:10	FePeak.c/s=7		dt= 3.8s	XEN=929600
SP 02:00		-	Wavelength=2788A		Exp #=98760	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=+362",	1.024s/pixel ',Yaw=-354"
Event # = 12271 89/10/23,03:02 Start Start	DOY=296 Peak	End times							
HXRBS* 02:45:29 BCS 02:46	02:46:00 03:02	02:46:00 02:46:08 F 03:02 03:03	Peakc/s=44 CaPeak.c/s=43	qua!=00 Qua!=01 Qua!= 2	Tot Cts=240 FePeak=03:02	MaxkeV=62 FePeak.c/s=8	#Peaks=2	dt= 7.7s	XEN=929601
/SP 02:55			Wavelength=2788A		Exp #=98761	Kast=180"x180" Rast=180"x1"	Step=10" Step=0"		1.024s/pixel ",Yaw=-359"

Event # = 23381 89/10/23,03:44 Start GOES 03:40 BCS 03:57 FCS 03:31	DOY=296 Peak 03:44 03:57	End times 03:51 04:13	Importance=C7 CaPeak.c/s=263 Wavelength=2788A	Qual=05 Qual= 5 Code=00	FePeak=03:57 Exp #=98762	FePeak.c/s=61 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s XEN=929602 Cad= 332s 1.024s/pixel Pitch=+259",Yaw=-437"	.024s/pixel .024s/pixel Yaw=-437"
Event # = 12272 89/10/23,04:25 Start Optical GOES 04:10 HXRBS* 04:10:14 UVSP 03:31 Radio Frequenc	= 12272 3,04:25 DOY=296 Start Peak End tim 04:10 04:25 05:04 04:10:14 04:12:47 04:18:0 03:31 Frequency(MHz)/Flux(sfu)	End times 05:04 04:18:01 ux(sfu):	HaClass=SF Importance=M1 Peakc/s=310 Wavelength=2788A 2695/35 4995/57 88	S26W39 Qual=03 Qual=14 Code=00 8800/40 15	\$26W39 AR5747 Qual=03 Qual=14 Tot Cts=20061 Code=00 Exp #=98762 8800/40 15400/27	Mac.=EKC MaxkeV=114 Rast=180"x1"	Carr.Lon.=209deg Flags=SG,EG,DG Step=O" Pitch=	+259"	H.Ang=49deg , Yaw≖-437"
Event # = 12642 89/10/23,11:17 Start Optical GOES HXRBS* 11:15:24 UVSP 11:20	DOY=296 Peak 11:17:28	End times 11:17:50	HaClass=SF Peakc/s=50 Wavelength=1375A	\$27W42 Qual=00 Qual=01	AR5747 Tot Cts=488 Exp #=98786	Mac.=EKC MaxkeV=62 Rast=265"x265"	Carr.Lon.=208deg Flags=I Step=5" Pitch=	+485"	H.Ang=52deg ,Yaw=-583"
Event # = 23382 89/10/23,11:23 Start Optical GOES BCS 11:23 FCS 11:20 UVSP 11:20	DOY=296 Peak 11:23	End times 11:57	HaClass=SF CaPeak.c/s=95 Peak3c/s=6124 Wavelength=1375A	\$27W42 Qual=00 Qual= 5	AR5747 FePeak=11:23 Exp #=98786	Mac.=EKC FePeak.c/s=12 Rast=180"x180" Rast=265"x265"	Carr.Lon.=208deg #Peaks=2 dt= 3. Step=10" Cad= 3 Step=5" Pitch=	8s 32s +485	H.Ang=52deg XEN=929603 1.024s/pixel ',Yaw=-583"
Event # = 12643 89/10/23.12:43 Start Optical GOES 12:34 HXRBS* 12:46:14 FCS 12:52 UVSP 12:52 Radio Frequenc	= 12643 3,12:43 D0Y=296 Start Peak End 12:34 12:43 13:5 12:45:14 12:45:34 13: 12:47 12:47 13:7 12:52 Frequency(MHz)/Flux(	times 26 10:20 48 sfu):	HaClass=28 S27W42 Importance=X2 Qual=05 Peakc/s=715 Qual=02 Tot Peak3c/s=5000 Qual= 5 FePe Peak3c/s=-1 Wavelength=1375A Code=02 Exp 4995/440 8800/1300 15400/2500	\$27W42 Qual=05 Qual=02 Qual= 5 Code=02	AR5747 Tot Cts=4585 FePeak=12:47 Exp #=98795 2500	Mac.=EKC MaxkeV=114 FePeak.c/s=1600 Rast=180"x180" Rast=265"x265"	Carr.Lon.=208deg Flags=1,SN,ND #Peaks=1 dt=7. Step=10" cad= 3 Step=5" Pitch=	7s 32s +485	H.Ang=52deg XEN=929607 1.024s/pixel ", Yaw=-592"
Event # = 12273 89/10/23,14:53 Start Optical GOES HXRBS* 14:53:05 UVSP 14:54	3 DOY=296 Peak 5 14:53:35	End times 5 14:54:01	HaClass=SF Peakc/s=51 Wavelength=1375A	\$30W40 Qual=00 Qual=01	AR5747 Tot Cts=354 Exp #=98809	Mac.=EKC MaxkeV=88 Rast=150"x150"	Carr.Lon.=204deg Step=10" Pitch=	+470"	H.Ang=52deg , Yaw=-590"

' = 12280 3,22:18 DOY=296 Start Peak End time			77				
22:14 22:18 22:2	HaClass=SF Importance=C3	\$25W46	AR5747	Mac.=EKC	Carr.Lon.=206deg	=206deg	H.Ang=54deg
HXRBS* 22:14:05 22:15:44 22:16:12 BCS 22:16 22:19 22:23	Peakc/s=102 CaPeak.c/s=48	Qual=01 Qual=1	Tot Cts=2166 FePeak=22:16	MaxkeV=88 FePeak.c/s=10	#Peaks=1	dt= 3.8s	XEN=929605
rts UVSP 22:13 Radio Frequency(MHz)/Flux(sfu):	Wavelength=1375A 606/280	Code=00	Exp #=98853	Rast=240"x240" Rast=30"x30"	Step=15" Step=5"	Cad= 262s Pitch=+471"	1.024s/pixel , Yaw=-631"
# = 12644 /23,23:41 DOY=296 Start Peak End time	4.00						
al 23:34 23:41	HaClass=SF Importance=C5	\$29W47 0ual=03	AR5747	Mac.≖EKC	Carr.Lon.=207deg	=207deg	H.Ang=57deg
HXRBS* 23:35:27 23:36:32 23:38:59 BCS 23:31 23:40 00:15 FCS	Peakc/s=250 CaPeak.c/s=260	Qual=01 Qual= 1	Tot Cts=15200 FePeak=23:38	MaxkeV=114 FePeak.c/s=53	Flags=I #Peaks=1	dt= 3.8s	XEN=929606
UVSP 00:14 Radio Frequency(MHz)/Flux(sfu):	Wavelength=2788A 4995/44 8800/64 15400/72	15400/72	Exp #=98859	Kast=180"x180" Rast=180"x1"	Step=10" Step=0"	Cad= 332s 1 Pitch=+350",	1.024s/pixel ', Yaw=-483"
		89/10/24	4 D0Y=297				
Event # = 12645 89/10/24,00:58 D0Y=297 Start Peak End times GOES 00:55 00:58 01:01 HXRBS* 00:56:00 00:56:56 UVSP 00:48	Importance=C3 Peakc/s=67 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=644 Exp #=98860	MaxkeV=88 Rast=180"x1"	Flags=I Step=0"	Pitch=+349", Yaw=-485"	, Үаw=-485"
Event # = 12646 89/10/24,01:16 DOY=297			The state of the s				
Peak	HaClass=SF	S32445	AR5747	Mac.=EKC	Carr.Lon.=204deg	=204deg	H.Ang≖57deg
HXRBS* 01:15:08 01:16:05 01:16:42 UVSP 01:41	Peakc/s=56 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=764 Exp #=98861	MaxkeV=62 Rast=180"x1"	Flags=I Step=0"	Pitch=+349"	, Yaw=-490"
Event # = 12647 89/10/24,01:18 DOY=297 Start Peak End times Optical	Ha Clacc=5F	C32MAR	AD5.7.8.7	JA 3 - 7 - 8			
GÕES HXRBS* 01:18:14 01:18:33 01:18:58 UVSP 01:41	akc/s=47	Qual=00 Qual=01	Tot Cts=172 Fvn #=08861	2=	Flags=I		n.Alig=5/ueg
					o-days	יוברוויים אין מאריים בי	
89/10/24,01:20 DOY=297 Start Peak End times Optical GDFs	HaClass=SF	\$32W45	AR5747	Mac.=DKC	Carr.Lon.=204deg		H.Ang≕57deg
HXRBS* 01:20:02 01:20:26 01:20:36 UVSP 01:41	Peakc/s=54 Wavelength=2788A	vaal=00 Qual=01	Tot Cts=222 Exp #=98861	MaxkeV=62 Rast=180"x1"	Flags=I Step=0"	Pitch≈+349",Yaw≖-490"	, Yaw=-490"

= 12649 4,01:24 Start	DOY=297 Peak	End t		\$32445 Qual=00	AR5747		Carr.Lon.≈204deg		H.Ang=57deg
HXRBS* 01:23:06 UVSP 01:41	01:24:02	01:24:36	Peakc/s=51 Wavelength=2788A		Tot Cts=466 Exp #=98861	MaxkeV=88 Rast=180"x1"	Flags=I Step=0"	Pitch=+349"	, Yaw=-490"
= 12650 1,01:32 start	DOY=297 Peak	End times	HaClass=SF	\$32W45	AR5747	Mac.=DKC	Carr.Lon.ª	=204deg	H.Ang=57deg
GOES HXRBS* 01:28:59 BCS 01:29 FCS	01:30:07 01:32	01:30:25 01:45	Peakc/s=46 CaPeak.c/s=44	Qual=01 Qual=01 Qual= 4	Cts=457 ak=01:32	MaxkeV=88 FePeak.c/s=8 Rast=180"x180"	Flags=I #Peaks=1 Step=10"	dt= 7.7s X Cad= 332s 1	XEN=929700 1.024s/pixel
UVSP 01:41			Wavelength=2788A		Exp #=98861			Pitch=+349"	, Yaw=-490"
Event # = 23383 89/10/24,02:50 Start GOES BCS 02:50 FCS 03:14	DOY=297 Peak 02:50 02:52	End times 02:54	CaPeak.c/s=23 Peak3c/s=4 Wavelength=2788A	Qual=01 Qual= 4	FePeak=02:50 Exp #=98863	FePeak.c/s=6 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 3.8s ) Cad= 262s Pitch=+348"	XEN=929701 1.024s/pixel ",Yaw=-498"
Event # = 12274 89/10/24,02:55 Start GOES HXRBS* 02:55:06 UVSP 03:14	D0Y=297 Peak 02:55:21	End times . 02:55:39	Peakc/s=41 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=118 Exp #=98863	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+348"	, Үаw=-498"
Event # = 12275 89/10/24,03:02 Start Optical GOES 02:58 HXRBS* 02:59:07 BCS 02:59 FCS 03:14	DOY=297 Peak 03:02 02:59:28 03:01	End times 03:04 03:08 03:08	HaClass=SF Importance=C4 Peakc/s=49 CaPeak.c/s=75 Wavelength=2788A	\$27W51 Qual=01 Qual=01 Qual= 1	AR5747 Tot Cts=485 FePeak=03:00 Exp #=98863	Mac.=DKC MaxkeV=62 FePeak.c/s=14 Rast=240"x240" Rast=180"x1"	Carr.Lon.=209deg Flags=ND #Peaks=1 dt= 7. Step=15" Cad= 2 Step=0" Pitch=	7s 62s +348'	H.Ang=59deg XEN=929702 1.024s/pixel ',Yaw=-498"
Event # = 12277 89/10/24,04:40 Start Optical GOES 04:26 HXRBS* 04:21:13	DOY=297 Peak 04:40 04:27:22	End times 05:05 2 04:29:31	HaClass=SF Importance=C4 Peakc/s=139	\$19W54 Qual=01 Qual=01	AR5748 Tot Cts=1785	Mac.=EAI Mackev=114	Carr.Lon.=211deg	=211deg	H.Ang≈58deg
BCS 04:26 FCS 04:45 UVSP 04:45			CaPeak.c/s=51 Wavelength=2788A	Qual= 1 Code=02	FePeak=U4:3/ Exp #=98865 Event # = 12276	FePeak.C/S=10 Rast=180"x180" Rast=180"x1"	#reaks=2 Step=10" Step=0"	du= /./s Cad= 332s Pitch=+347'	1.024s/pixel 1.024s/pixel ",Yaw=-505"
HXRBS* 04:23:42 HXRBS* 04:34:05		04:23:57 04:24:11 04:34:14 04:34:18	eakc/s=59  eakc/s=47	Qual=01 Qual=01 Qual=01	Tot Cts=293 Event # = 12278 Tot Cts=68	MaxkeV=88       MaxkeV=62	1	1	1 1 1

3	00Y=297						111.	
Start GOES 05:40 HXRBS* 05:40:24 C BCS 05:31	eak )5:43 )5:41:18 )5:43	End times 05:45 05:42:24 06:11	Importance=C5 Peakc/s=135 CaPeak.c/s=100	Qua]=01 Qua]=01 Qua]= 1	Tot Cts=1999 FeDeak=05:43	MaxkeV=140 Febrar c/c=15		4+= 7 7c VEN-02070A
	5:48		Peak3c/s=2 Wavelength=2788A	Code=01	Exp #=98866	Rast=180"x180" Rast=180"x1"	Step=10" Step=0"	cad= 332s 1.024s/pixel Pitch=+347", Yaw=-509"
# = 23384 /24,10:58 Start	D0Y=297 Peak	End times						
	10:58	10:59	CaPeak.c/s≖32	Qua]=02 Qua]= 2	FePeak*10:58	FePeak.c/s=12		dt= 3.8s XEN=929705
			Wavelength=1375A		Exp #=98883	Rast=180"x180" Rast=30"x30"	Step=10" Step=5"	Cad= 332s 1.024s/pixel Pitch=-399",Yaw=+717"
Event # = 23385 89/10/24,11:44 Start	D0Y=297 Peak	End times						
	11:44	12:29	CaPeak.c/s=50	Qual=05 Qual= 4	FePeak=11:42	FePeak.c/s=11	#Peaks=1	dt= 3.8s XEN=929706
			Wavelength=1375A		Exp #=98890	Rast=180"x180" Rast=30"x30"	Step=10" Step=5"	Cad= 332s 1.024s/pixel Pitch=+458", Yaw=-712"
Event # = 23386 89/10/24,13:06 Start	D0Y=297 Peak	End times						
	13:06	13:19	CaPeak.c/s=39	Qual=00 Qual= 5	FePeak=13:06	FePeak.c/s=7		dt= 7.7s XEN=929707
			Wavelength=1375A		Exp #=98897	Kast=180"x180" Rast=265"x265"	Step=10" Step=5"	Cad= 332s
Event # = 12281 89/10/24,13:17 Start	D0Y=297 Peak	End times		-				
:43	13:17:55	13:18:08	Peakc/s=44 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=71 Exp #=98899	MaxkeV=62 Rast=30"x30"	Step=5"	Pitch=+477",Yaw=-674"
Event # = 12282 89/10/24,13:27 Start	DOY=297 Peak	End times						
:11	13:27:19	13:27:32	Peakc/s=74 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=390 Exp #=98901	MaxkeV=88 Rast=30"x30"	Step=5"	Pitch=+477", Yaw=-675"
Event # = 12283 89/10/24,13:35 Start	D0Y=297 Peak	End times						
5:07	13:35:27	13:36:46	Peakc/s=55 Wavelength=1375A	Qual=00 Qual=03	Tot Cts=612 Exp #=98901	MaxkeV=62 Rast=30"x30"	Flags=EG Step=5"	Pitch*+477",Yaw*-675"

:			
XEN=929708 1.024s/pixel ", Yaw=-706"	XEN=929709 1.024s/pixel ", Yaw=-770"	Pitch=+421",Yaw=-777"	H.Ang=93deg h.pg Dur=900sec XEN=929713 1.024s/pixel )", Yaw=-720" 00 1.024s/pixel t", Yaw=-841"
dt= 7.7s X Cad= 332s 1 Pitch=+467",	dt= 3.8s X Cad= 332s 1 Pitch=+426",	Pitch=+421	Carr.Lon.=239deg H./ Flags=M5, IN, ES, IS, SG, DG Dun #Peaks=2 dt= 7.7s XEI Step=10" Cad= 332s 1.( Step=1" Pitch=+499", Y 800/48000 15400/26000 
#Peaks=2 Step=10" Step=5"	#Peaks=1 Step=10" Step=5"	Step=5"	Carr.Lon.=239deg Flags=M5,IN,ES,I 9 #Peaks=2 dt= 7. Step=10" Cad= 3 Step=1" Pitch= 8800/48000 15400/
MaxkeV=88 FePeak.c/s=42 Rast=180"x180" Rast=30"x30" MaxkeV=62	FePeak.c/s=10 Rast=180"x180" Rast=30"x30"	MaxkeV=88 Rast=30"x30"	AR5747 Mac.=DKC Carr.Lon.=239deg H
Tot Cts=3380 FePeak=13:59 Exp #=98905 Event # = 12284 Tot Cts=138	FePeak=14:48 Exp #=98908	Tot Cts=1654 Exp #=98914	
Qual=02 Qual=01 Qual= 2 Code=01 sociated Qual=01	Qual=00 Qual= 4	Qual=03 Qual=01	\$42W90 Qual=02 44 Qual=14 8 Qual= 2 5A Code=00 30 606/1600 Associated 1 Qual= 5 5A Qual=02 Qual=02 5A
Importance=C7 Peakc/s=62 CaPeak.c/s=234 Wavelength=1375 	CaPeak.c/s=40 Wavelength=1375A	Peakc/s=54 Wavelength=1375A	Code=EPL Importance=X6 Peak.c.s=724 CaPeak.c/s=693 Wavelength=137 11/3 1V/3 V/ 245/760 410/30 CaPeak.c/s=757 Wavelength=137 Wavelength=137
es 0 .4	End times 15:32	End times 15:26:28	End times 02:24 19:49:54 18:12:00 18:14 IN:14 IN:14 IN:14 IN:14 IN:14 IN:14 IN:14 IN:19:48 IN:14:19:48 IN:15:46:49
D0Y=297 Peak 14:02 14:09 13:54:10 14:00:1 13:59 14:01	DOY=297 Peak 14:48	00Y=297 Peak 15:22:07	= 12287 tart Peak End tim tart Peak End tim 7:36 18:31 02:24 7:59:51 18:10:24 19:49:5- 7:57:00 18:09 18:14 8:21 Type/Intensity Frequency(MHz)/Flux(sfu) 9:16 19:16 19:48 9:15 = 12288 9:15 = 12288 5:35:38 15:41:58 15:46:4
Event # = 12285 89/10/24,14:02 Start GOES 13:55 HXRBS* 13:53:28 BCS 13:36 FCS 13:36 FCS 13:36 HXRS* 13:47	Event # = 23387 89/10/24,14:48 60ES Start ECS 14:37 UVSP 14:44	vent # = 12286 9/10/24,15:22 Start OES XXRBS* 15:21:01 VSP 15:18	40 4111 43 4 1 700 11
Event # = 89/10/24   89/10/24   34/60ES   134/ENS   13 ECS   13 ECS   13 ECS   13 ECS   14 ECS   15 EC	Event 89/10/ GOES BCS FCS UVSP	Event 89/10/ GOES HXRBS* UVSP	Event # 89/10/24 89/10/24 60ES 1 60ES 1 6R

6:39	End times	-						
16:36:46	17:30	HaClass=2N Importance=M9 Peakc/s=42430	\$28W65 Qual=03 Qual=11	AR5747 Tot Cts=3.29E+6	Mac.=DKI MaxkeV=461	Carr.Lon.=202deg Flags=IS,DG,ND		H.Ang=71deg
6:39	16:59	CaPeak.c/s=6419	Qual= 1	FePeak=16:39	FePeak, c/s=2518	#Peaks=1		Dur=120sec XEN=929800
(MH2)/F	16:35 Frequency(MHz)/Flux(sfu):	velength=137 95/83 4995/4	Code=00 E) 8800/2100	Exp #=99013 15400/4100	Kast=180"x180" Rast=110"x200"	Step=10" Step=5"	Cad= 332s Pitch=+524"	1.024s/pixel ",Yaw=-844"
16:59	17:00	A CaPeak.c/s=185	Associated Qual= 5	Event # = 23390 FePeak=16:59		 #Peaks=1	dt= 7.7s	XEN=929801
		Wavelength=1375A		Exp #=99015	Rast=240"x240" Rast=110"x200"	Step=15" Step=5"	Cad= 262s 1 Pitch=+529",	1.024s/pixel ", Yaw=-844"
D0Y=298 Peak	End times							
18:27:03 18:31	18:30:07 18:34	Peakc/s=58 CaPeak.c/s=78	Qual=03 Qual=01 Qual= 2	Tot Cts=1900 FePeak=18:31	MaxkeV=62 FePeak.c/s=15	Flags=I #Peaks=1	dt= 3,8c	XFN=Q2Q8O2
		Wavelength=1375A			Rast=240"x240" Rast=110"x200"	Step=15" Step=5"	Cad= 262s 1 Pitch=+189",	1.024s/pixel ',Yaw=-933"
D0Y=298 Peak	End times							
21:45:56 21:46 Type/Intensi	21:46:01 ntensity:	Peakc/s=96 Wavelength=1375A III/1	(ua  =00 (ua  =11	Tot Cts=382 Exp #=99038	MaxkeV=114 Rast=110"x200"	Flags=IS Step=5"	Pitch=+420"	, Үам=-856"
D0Y=298 Peak	End times	HaClass=SF	77,742	A85747	Mac = DKI	soft 10 - not nated		7.00
22:41	22:57		Qual=00 Qual= 4	41		_	7s	n.Ang-oldey XEN=929803
		Wavelength=2788A		Exp #=99041	Rast=180"×180" Rast=243"×243"	Step=10" Step=3"	Cad= 332s 1 Pitch=+448",	1.024s/pixel ", Yaw=-826"
D0Y=298 Peak	End times							
22:55:04	22:55:17	Peakc/s=129 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=456 F Exp #=99041 F	MaxkeV=140 Rast=243"x243"	Step=3"	Pitch=+448",	, Yaw=-826"
			89/10/26	D0Y=299				
	S		0na]=00					
00:47:39	00:47:46	Peakc/s≖58 Wavelength=2788A	Qual=01	Tot Cts=96 M Exp #=99044 R	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+318",	, Yaw=-658"

Event # 89/10/26 S GOES HXRBS* (	= 12292 ,00:53 tart 0:53:07 0:49	DOY=299 Peak End time 00:53:37 00:54:42	S	Peakc/s=319 Wavelength=2788A	Qual=02 Qual=01	Tot Cts=4574 Exp #=99044	MaxkeV=165 Rast=180"xl"	Step=0"	Pitch=+318",Yaw=-658"	ам=-658"
Event # 89/10/26 89/10/26 S GOES DECS UVSP O Radio Sw	Event # = 23392 89/10/26,05:12 Start GOES BCS 05:09 FCS 05:23 UVSP 05:23 Radio Sweeps	00 05	<pre>r=299 ak</pre>	CaPeak.c/s=30 Wavelength=2788A III/1	Qual=00 Qual= 1	FePeak=05:10 Exp #=99050	FePeak.c/s=8 Rast=180"x180" Rast=180"x1"	#Peaks=1 Step=10" Step=0"	dt= 7.7s XE Cad= 332s 1.0 Pitch=+315",Y	XEN=929900 1.024s/pixel ',Yaw=-666"
Event # = 2339 89/10/26,06:56 80ES Start BCS 06:56 FCS 06:55	= 23393 6,06:56 Start 06:56 06:55	DOY=299 Peak 06:56	End times 06:59	CaPeak.c/s=19 Wavelength=1375A	Qua]=00 Qua]= 4	FePeak=06:57 Exp #=99056	FePeak.c/s=8 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s XE Cad= 262s 1. Pitch=+442",Y	XEN=929901 1.024s/pixel 'Yaw=-840"
Event # 89/10/28 60ES	Event # = 23394 89/10/26,08:09 Start GOES BCS 08:06 FCS UVSP 08:01 Radio Sweeps	့် စွဲ စွဲ	r=299 ak End times :09 08:14 Type/Intensity:	CaPeak.c/s=21 Wavelength=1375A III/1	Qual=00 Qual= 4	FePeak=08:06 Exp #=99062	FePeak.c/s=6 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 7.7s XE Cad= 262s 1. Pitch=-324",Y	XEN=929902 1.024s/pixel ", Yaw=+896"
Event #89/10/2 GOES HXRBS* BCS FCS UVSP	Event # = 12294 89/10/26,09:12 D Start GOES 09:09 C HXRBS* 09:10:16 C BCS 09:11 C FCS UVSP 08:28	D0Y=299 Peak 09:12 09:11:07 09:13	End times 09:16 09:23	Importance=C2 Peakc/s=51 CaPeak.c/s=79 Wavelength=1375A	Qual=04 Qual=01 Qual= 4 Code=00	Tot Cts=507 FePeak=09:13 Exp #=99066	MaxkeV=62 FePeak.c/s=15 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 3.8s XE Cad= 262s 1. Pitch=-323",Y	XEN=929903 1.024s/pixel ',Yaw=+907"
Event # 89/10/2 60ES HXRBS* BCS FCS UVSP	Event # = 12295 89/10/26,11:15 Start GOES 11:11 HXRBS* 11:12:59 BCS 11:14 FCS 11:14	D0Y=299 Peak 11:15 11:13:12 11:14	End times 11:17 11:13:24 11:20	Importance=C2	Qual=01 Qual=01 Qual= 4 Code=00	Tot Cts=95 FePeak=11:14 Exp #=99078	MaxkeV=62 FePeak.c/s=6 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+406	XEN=929904 1.024s/pixel ', Yaw=-868"

12:14 12:14 12:14 12:31:48 12:35:33 12:35:33 14:25 15:25 16:	Event # = 23395 89/10/26,12:05 Start	DOY=299								
Navelength=1375	GOES 11:58 BCS 12:12	12:05 12:14	12:15 12:45		Qua]=05 Qua]= 5	FePeak=12:14	FePeak.c/s=13			XEN=929905
12:31:48   12:33:04   Peak	UVSP 12:16			Wavelength=1375A		Exp #=99083	Rast=180"x180" Rast=265"x265"			1.024s/pixel ",Yaw=-847"
12:31:48   12:33:04   PeakC/s=194   Qual=00   Exp #=99084   Rast=110"x200"   Step=5"   Pitch=+410     DOY=299   End times	Event # = 12296 89/10/26,12:31 Start Optical	D0Y=29 Peak	time	1 :	08M0ES	AR5747	Mac, *EKI	Carr. Lon.	=206deg	H. Ang *84deg
DOY-299 Peak HaClass=SF S30W80 DOY-299 DOY-299 Li.35:33 12:35:43 PeakC/s=54 Mavelength=1375A Mavelength=1375A Mavelength=1375A Mavelength=1375A  DOY-299 DOY-299 End times  Qual=00 DOY-299 Peak Li.23:43 14:28 Mavelength=1375A  Mavelength=1375A  DOY-299 Peak Li.23:43 14:28  Qual=00 DOY-299 Peak Li.23:43 14:36  Qual=00 DOY-299 Peak Li.24:25 Mavelength=1375A  DOY-299 Peak Li.25:43 14:35:40  Qual=00 DOY-299 Peak Li.35  Axkev-62  Axkev-63  Axkev-62  Axkev-62  Axkev-63  Axkev-62  Axkev-63  Axkev-64  Axkev-64  Axkev-64  Axkev-64  Axkev-	HXRBS* 12:31:33 UVSP 12:18	12:31:48	3 12:33:04	Peakc/s=194 Wavelength=1375A		Tot Cts=1374 Exp #=99084	MaxkeV=140 Rast=110"x200"		Pitch=+410	", Yaw=-879"
12:35:33   12:35:43   Peakc/s=54   Qual=01   Tot Cts=324   Paxkev=62   Rast=265"x265"   Step=5"   Pitch=+438     DOY=299	Event # = 12297 89/10/26,12:35 Start Optical	D0Y=299 Peak	End times	На	\$30W80	AR5747	Mac.=EKI	Carr.Lon.	*206deg	H. Ang=84deg
D0Y=299 Peak End times    4:25	IXRBS* 12:35:03 IVSP 12:34	12:35:33	12:35:4	Peakc/s=54 Wavelength=1375A		Tot Cts=324 Exp #=99085	MaxkeV=62 Rast=265"x265"	Step=5"	Pitch=+438	", Yaw=-847"
14:23:43 14:24:22 Peakc/s=148 Qual=01 Tot Cts=1690 Peaksc/s=10 #Peaks=1 dt= 7.7s Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=15" Cad= 262s Rast=240"x240" Step=16" Pitch=+414	vent # = 12298 19/10/26,14:25 Start	D0Y=299 Peak	End times							
DOY=299 Peak End times  Qual=00 14:35:16 14:35	XRBS* 14:23:19 CS 14:25	14:23:43 14:25	14:24:22 14:28	Peakc/s=148 CaPeak.c/s=22	Qual=00 Qual=01 Qual= 4	Tot Cts=1690 FePeak=14:26	MaxkeV=165 FePeak.c/s=10		dt= 7.7s	XEN=929906
D0Y=299 Peak End times    14:35:16   14:35:40   Peakc/s=70   Qual=00   Tot Cts=1077   MaxkeV=88   Peaks=1   dt= 7.7s     14:34   14:36   CaPeak.c/s=21   Qual=01   Tot Cts=1077   Rast=180"x180" Step=10"   Cad= 332s     14:35:16   14:35   CaPeak.c/s=21   Qual=01   Tot Cts=298   MaxkeV=62   FePeak.c/s=11   Peaks=1   dt= 3.8s     15:20:26   15:21:12   Peakc/s=44   Qual=1   FePeak=15:23   FePeak.c/s=11   Peaks=1   dt= 3.8s     15:23   15:36   CaPeak.c/s=44   Qual=1   FePeak=15:23   Rast=180"x180" Step=10" Cad= 332s     15:23   15:36   CaPeak.c/s=44   Qual=1   FePeak=15:23   Rast=180"x180" Step=10" Step=0" Pitch=+420"     16:23   15:36   CaPeak.c/s=44   Qual=1   FePeak=15:23   Rast=180"x180" Step=10" Pitch=+420"     16:23   15:36   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     16:23   15:36   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     16:23   16:36   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     16:24   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     17:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     18:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     18:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     18:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     19:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     19:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     19:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     19:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     19:25   CaPeak=1375A   Exp #=99101   Rast=180"x180" Step=0" Pitch=+420"     19:25   CaPeak=1375A	VSP 14:17			Wavelength=1375A		Exp #=99096	Rast=240"x240" Rast=10"x10"		Cad= 262s Pitch=+414	1.024s/pixel ",Yaw=-871"
14:35:16 14:35:40 Peakc/s=70 Qual=01 Tot Cts=1077 MaxkeV=88 14:34 14:36 CaPeak.c/s=21 Qual= 2 FePeak=14:35 FePeak.c/s=15 #Peaks=1 dt= 7.7s Rast=180"x180" Step=10" Cad= 332s Mavelength=1375A Exp #=99098 Rast=10"x10" Step=0" Pitch=+414  D0Y=299 Peak End times  Qual=00 Tot Cts=298 MaxkeV=62 15:20:26 15:21:12 Peakc/s=45 Qual=01 Tot Cts=298 Rast=180"x180" Step=10" Cad= 332s  Mavelength=1375A Exp #=99101 Rast=180"x10" Step=0" Pitch=+420"	vent # = 12299 9/10/26,14:34 Start	D0Y=299 Peak	End times		00					
D0Y=299  Rast=180"x180" Step=10" Cad= 332s  Rast=180"x180" Step=10" Cad= 332s  Rast=180"x10" Step=0" Pitch=+414  Peak  15:20:26 15:21:12 Peakc/s=45 Qual=01 Tot Cts=298 MaxkeV=62  Rast=180"x10" Step=0" Pitch=+414  Rast=180"x10" Step=0" Pitch=+414  Rast=180"x180" Step=0" Pitch=+414  Rast=180"x180" Step=0" Cad= 332s  Rast=180"x180" Step=0" Cad= 332s  Rast=180"x180" Step=0" Pitch=+420'  Rast=180"x10" Step=0" Pitch=+420'  Rast=180"x10" Step=0" Pitch=+414	14:34 14:34	14:35:16 14:34	14:35:40 14:36		Qual=00 Qual=01 Qual= 2	Tot Cts=1077 FePeak=14:35	MaxkeV=88 FePeak.c/s=15		dt= 7.7s	XEN=929907
D0Y=299  Peak End times  Qual=00  15:20:26 15:21:12 Peakc/s=45 Qual=01 Tot Cts=298 MaxkeV=62  Rast=180"x180" Step=10" Cad= 332s  Mavelength=1375A Exp #=99101 Rast=10"x10" Step=0" Pitch=+420"	VSP 14:31			Wavelength=1375A		Exp #*99098	Rast=180"x180" Rast=10"x10"		Cad= 332s Pitch=+414"	1.024s/pixel ',Yaw=-871"
15:20:04 15:20:26 15:21:12 Peakc/s=45 Qual=01 Tot Cts=298 MaxkeV=62 15:15 15:23 15:36 CaPeak.c/s=44 Qual= 1 FePeak=15:23 FePeak.c/s=11 #Peaks=1 dt= 3.8s Rast=180"x180" Step=10" Cad= 332s 15:22 Wavelength=1375A Exp #=99101 Rast=10"x10" Step=0" Pitch=+420"	vent # = 12300 9/10/26,15:23 Start	DOY=299 Peak	End times							
	15:20:04 15:15	15:20:26 15:23	15:21:12 15:36		Qual=00 Qual=01 Qual= 1	Tot Cts=298 FePeak=15:23	MaxkeV=62 FePeak.c/s=11		dt= 3.8s	XEN=929908
	15:2		-	Wavelength=1375A		Exp #=99101	Rast=180"x180" Rast=10"x10"		Cad= 332s Pitch=+420"	1.024s/pixel ,Yaw=-866"

vent # 89/10/2 ptical	Event # = 12301 89/10/26,15:30 Start Optical	D0Y=299 Peak	End times	HaClass=SF	\$28¥87	AR5747	Mac.=EKI	Carr.Lon.=212deg		H. Ang=90deg
GOES HXRBS* UVSP	15:29:50 15:22	15:30:09	15:30:23	Peakc/s=102 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=459 Exp #=99101	MaxkeV=140 Rast=10"x10"	Step≖0"	Pitch=+420"	, Yaw=-866"
Event # 89/10/2 Optical	Event # = 12302 89/10/26,15:30 Start Optical	DOY=299 Peak	End times	HaClass=SF	S28W87	AR5747	Mac.=EKI	Carr.Lon.=212deg	212deg	H. Ang=90deg
HXRBS* UVSP	15:30:49 15:22	15:30:51	15:30:58	Peakc/s≖62 Wavelength=1375A	Qual=00	Tot Cts=138 Exp #=99101	MaxkeV=62 Rast=10"x10"	Step=0"	Pitch=+420"	, Yaw=-866"
Event # 89/10/2	Event # = 12303 89/10/26,20:06 Start	D0Y=299 Peak	End times		00					
GOES HXRBS* UVSP	20:06:38 19:53	20:06:48	20:06:52	Peakc/s=53 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=104 Exp #=99123	MaxkeV=62 Rast=110"x200"	Step=5"	Pitch=+421"	, Yaw=-887"
Event # 89/10/2 GOES BCS	Event # = 23396 89/10/26,20:48 Start GOES 20:44 BCS 21:20	DOY=299 Peak 20:48 21:20	End times 21:41 21:57	Importance=M8 CaPeak.c/s=379	Qua]=05 Qua]= 5	FePeak=21:20	FePeak. c/s=30		dt= 3.8s	XEN=929909
	20:44			Wavelength=1375A	Code=01	Exp #=99128	Rast=160"x180" Rast=265"x265"	Step=10 Step=5"	cau= 3325 1 Pitch=+429",	1.024s/plxel ", Yaw=-855"
Event # 89/10/2	Event # = 12304 89/10/26,23:04 Start	D0Y=299 Peak	End times		00					
GOES HXRBS* UVSP	23:04:34 22:52	23:04:40	23:04:47	Peakc/s=51 Wavelength=2788A	qual=00 Qual=01	Tot Cts=67 Exp #=99137	MaxkeV=62 Rast=243"x243"	Step=3"	Pitch=+429",Yaw=-855"	, Үаw=-855"
Event # 89/10/2 Optical	Event # = 12305 89/10/26,23:41 Start Optical	D0Y=299 Peak	End times	Code=BSL	S20W90	AR5748	Mac.=EAI	Carr.Lon.=210deg		H.Ang=92deg
Optical GOES HXRBS*	23:19 23:18:22 23:21	23:41 23:25:26 23:33	00:53 23:37:54 23:35	Code=LPS Importance=M4 Peakc/s=248 CaPeak.c/s=1165	\$21¥90 Qua]=02 Qua]=03 Qua]= 2	14E+5 33	MaxkeV=191 FePeak.c/s=336	·. —	75	H.Ang=92deg XEN=929910
UVSP Radio S	23:37 Sweeps	Type/I	Type/Intensity:	Wavelength=2788A II/2 III/1	Code=00	Exp #=99138	Rast=180"x1"	Step=0"	Pitch=+301"	1.0245/plxe1 ',Yaw=-683"
•	00:21	00:22		As CaPeak.c/s=134	Associated Qual= 5	Event # = 23397 FePeak=00:22	FePeak.c/s=11 Rast=180"x180"	#Peaks=1 Sten=10"	dt= 3.8s X	XEN=930000
UVSP	60:00			Wavelength=2788A		Exp #=99139	Rast=180"x1"		Pitch=+301"	, Yaw=-683"

00/10/03 00:46 00%-200							
89/10/2/,00:40	s Peakc/s=50 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=204 Exp #=99140	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=+301"	, Yaw=-683"
Event # = 12307 89/10/27,02:17 DOY=300 Start Peak End times GOES HXRBS* 02:17:28 02:17:37 02:17:46 UVSP 02:36	Peakc/s=38 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=59 Exp #=99142	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+301"	, Yaw=-683"
Event # = 12308 89/10/27,02:20 DOY=300 Start Peak End times GOES HXRBS* 02:19:57 02:20:42 02:21:44 UVSP 02:36 Radio Frequency(MHz)/Flux(sfu):	Qual=00 Peakc/s=44 Qual=01 Wavelength=2788A 4995/23 8800/43 15400/74	Qual=00 Qual=01 15400/74	Tot Cts=459 Exp #=99142	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=+301'	Pitch=+301", Yaw=-683"
Event # = 12309 89/10/27,02:22 DOY=300 Start Peak End times GOES HXRBS* 02:22:36 02:23:12 02:23:34 BCS 02:20 02:22 02:29 FCS UVSP 02:36	Peakc/s=43 CaPeak.c/s=30 Wavelength=2788A	Qual=01 Qual=01 Qual= 1	Tot Cts=248 FePeak=02:21 Exp #=99142	MaxkeV=62 FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	#Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+301"	XEN=930001 1.024s/pixel ', Yaw=-683"
Event # = 12653 89/10/27,05:10 DOY=300 Start Peak End times GOES HXRBS* 05:08:22 05:08:39 05:08:51 BCS 05:09 05:10 05:14 FCS	Peakc/s=43 CaPeak.c/s=20 Wavelength=2788A	Qua]=00 Qua]=01 Qua]= 4	Tot Cts=133 FePeak=05:09 Exp #=99145	MaxkeV=62 FePeak.c/s=5 Rast=240"x240" Rast=180"x1"	Flags=I #Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+301"	XEN=930002 1.024s/pixel ', Yaw=-683"
Event # = 12654 89/10/27,05:45 DOY=300 Start Peak End times GOES HXRBS* 05:41:52 05:43:05 05:45:06 BCS 05:44 05:45 05:47 FCS UVSP 05:37	Peakc/s=56 CaPeak.c/s=40 Wavelength=2788A	Qual=00 Qual=01 Qual= 2	Tot Cts=1010 FePeak=05:45 Exp #=99146	MaxkeV=62 FePeak.c/s=14 Rast=240"x240" Rast=180"x1"	Flags=I #Peaks=1 Step=15" Step=0"	dt= 7.7s Cad= 262s Pitch=+301"	XEN=930003 1.024s/pixel ',Yaw=-683"

Event # 89/10/2 GOES BCS FCS UVSP	Event # = 23398 89/10/27,06:54 Start GOES BCS 06:53 FCS UVSP 06:54	D0Y=300 Peak 06:54	End times 06:58	CaPeak.c/s=26 Wavelength=1375A	Qual=00 Qual= 1	FePeak=06:55 Exp #=99150	FePeak.c/s=6 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 7.7s X Cad= 262s 1 Pitch=+429",	XEN=930004 1.024s/pixel ", Yaw=-855"
Event # 89/10/2 GOES BCS FCS UVSP	Event # = 23399 89/10/27,08:31 Start GOES BCS 08:25 FCS 08:30 UVSP 08:30	D0Y=300 Peak 08:31	End times 08:38	CaPeak.c/s=49 Wavelength=1375A	Qual=01 Qual= 1	FePeak=08:29 Exp #=99160	FePeak.c/s=13 Rast=240"x240" Rast=10"x10"	#Peaks=1 Step=15" Step=0"	dt= 3.8s X Cad= 262s 1 Pitch=-387",	XEN=930005 1.024s/pixel ',Yaw=+878"
Event #89/10/2 GOES BCS FCS UVSP	Event # = 23400 89/10/27,11:01 Start GOES 11:01 FCS 11:01	DOY=300 Peak 11:01	End times 11:03	CaPeak.c/s=22 Wavelength=1375A	Qua]=00 Qua]= 5	FePeak=11:01 Exp #=99170	FePeak.c/s=10 Rast=180"x180" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 7.7s Cad= 332s Pitch=+429"	XEN=930006 1.024s/pixel ',Yaw=-855"
Event # 89/10/2/200ptical Optical Optical COPES HXRBS* GRS FCS FCS FCS FCS FCS FCS FCS FCS FCS FC	Event # = 12310 89/10/27,11:35 Interpretation of the standard	D0Y=300 Peak 11:35 11:35 11:35 11:35 11:50	·	HaClass=SF Importance=M6 Peakc/s=13200 CaPeak.c/s=4887 Wavelength=1375A 1415/390 2695/100 As CaPeak.c/s=213	\$35W87 Qual=03 Qual=03 Qual= 1 Code=00 00 4995/18 \$sociated Qual= 5	AR5747  Tot Cts=1.32E+6  FePeak=11:35  Exp #=99176  Sount # = 23401  FePeak=11:50  Exp #=99178	Mac.=DKO  MaxkeV=461  FePeak.c/s=2054  Rast=10"x10" 400/3900 FePeak.c/s=40  Rast=180"x180"  Rast=180"x180"	Carr.Lon.: Flags=EN #Peaks=1 Step=10" Step=0" Step=10" Step=10"	88 328 +506 7 78 +496	H.Ang=90deg  Dur=120sec XEN=930007 1.024s/pixel, Yaw=-827" 1.024s/pixel 1.024s/pixel ", Yaw=-827"
Event 89/10/1 60ES HXRBS* BCS FCS UVSP	Event # = 12655 89/10/27,12:47 GOES HXRBS* 12:34:15 FCS 12:32 UVSP 12:35	00Y=300 Peak 12:37:08	End times 12:42:17 13:23	Peakc/s=84 CaPeak.c/s=173 Wavelength=1375A	Qual=00 Qual=01 Qual= 1	Tot Cts=8070 FePeak=12:40 Exp #=99180	MaxkeV=88 FePeak.c/s=28 Rast=180"x180" Rast=110"x200"	Flags=I #Peaks=1 Step=10" Step=5"	dt= 7.7s X Cad= 332s 1 Pitch=+406",	XEN=930009 1.024s/pixel ", Yaw=-887"
Event 89/10// 60ES BCS FCS UVSP	Event # = 23402 89/10/27,14:24 Start GOES Start BCS 14:16 FCS 14:22	DOY=300 Peak 14:24	End times 14:26	CaPeak.c/s=46 Wavelength=1375A	Qua]=00 Qua]= 2	FePeak=14:21 Exp #=99188	FePeak.c/s=7 Rast=180"x180" Rast=265"x265"	#Peaks=1 Step=10" Step=5"	dt= 3.8s X Cad= 332s 1 Pitch=+429",	XEN=930010 1.024s/pixel ", Yaw=-855"

Event # = 23403 89/10/27,14:47 Start	403 47 D0Y=300 Peak	End times							
GOES BCS 14:47 FCS	14:47	14:53	CaPeak.c/s=86	Qual=00 Qual= 5	FePeak=14:48	FePeak.c/s=13		dt= 7.7s	XEN=930011
SP 14:43			Wavelength=1375A		Exp #=99191	Rast=180"x180" Rast=110"x200"	Step=10" Step=5"	Cad= 332s Pitch=+501	1.024s/p1xel ",Yaw=-887"
Event # = 23404 89/10/27,15:31 Start	104 31 D0Y=300 Peak	End times							
BCS 15:31 FCS 15:35	15:31	15:51	CaPeak.c/s=39	Qual= 5	ak=15:34	FePeak.c/s=7 Rast=240"x240"	#Peaks=1 Step=15"	dt= 7.7s X Cad= 262s 1	XEN=930012 1.024s/pixel
13:33			₩avelengtn=13/5A		Exp #=99192	Rast=265"x265"	t	Pitch=+429	", Yaw=-855"
Event # = 12311 89/10/27,19:04 Start Ontical	311 34 D0Y=300 Peak	End times		oonees			-		
S 18:57 BS* 18:58:06	19:04 :06 19:01:15	19:37 5 19:12:29	naclass=in Importance=X1 Peakc/s=44537	0ual=02 0ual=02 0ual=03	AK3/4/ Tot Cts=5.68E+6	mac.=UKU MaxkeV=461	<pre>carr.Lon.=199deg Flags=1.FS</pre>	= I99deg	H.Ang≖93deg
19:00: 18:59	:00 19:02	19:02:00 19:05	CaPeak.c/s=6479	Qual= 2	FePeak=19:02	FePeak.c/s=4863	#Peaks=1	dt= 3.8s	Dur=120sec XEN=930013
NVSP 18:58 Radio Frequ	18:58 Frequency(MHz)/Flux(sfu)	-lux(sfu):	Wavelength=1375A Code=00 410/70 1415/310 2695/1100	Code=00 2695/1100		Rast=240"x240" Exp #=99209 Rast=110"x200" 4995/2600 8800/3900 15400/2400	Step=15 Step=5"	Cad= 262s	1.024s/pixel ',Yaw=-942"
Event # = 23405 89/10/27,20:06 Start	105 36 D0Y=300 Peak	End times							-
GOES BCS 20:04	20:06	20:39	CaPeak.c/s=132	Qual=05 Qual= 5	FePeak=20:09	FePeak.c/s=7		dt= 3.8s	XEN=930014
P 20:07			Wavelength=1375A		Exp #=99213	Rast=180"x180" Rast=265"x265"	Step=10" Step=5"	Cad= 332s 1 Pitch=+429",	1.024s/pixel ',Yaw=-855"
1,11000-11100				89/10/28	8 D0Y=301				
Event # = 12657 89/10/28,04:30 Start	157 10 D0Y=301 Peak	End times			ļ				
40ES HXRBS* 04:09:10 BCS 03:40	10 04:22:46 04:30	04:32:06 04:32	Peakc/s=56 CaPeak.c/s=111	Qual=02 Qual=13 Qual= 2	Tot Cts=5750 FePeak=04:30		Flags≖I,El #Peaks=2	Flags=I, EN, DG #Peaks=2 dt= 7.7s	XEN=930100
04:24			Wavelength=2788A		Exp #=99244	Rast=180"×180" Rast=180"×1"	Step=10" Step=0"	Cad= 332s Pitch=+95",	1.024s/pixel ,Yaw=-756"
Event # = 12312 89/10/28,07:55 1 Start GOES 05:10 HXRBS* 05:08:33 (	12 5 D0Y=301 Peak 07:55 33 05:14:54 05:30	End times 09:50 07:33:50 06:03	Importance=M2 Peakc/s=493 CaPeak.c/s=894	Qual=02 Qual=14 Qual= 3	Tot Cts=4.45E+5 FePeak=05:26	MaxkeV=191 FePeak.c/s=218	Flags=M5, ] #Peaks=1	Flags=M5, I, SN, EN, IN, DG #Peaks=1 dt= 7.7s XE)	1G XEN=930101
FCS UVSP Radio Frequ	Frequency(MHz)/Flux(sfu):		1415/20 2695/21 4	4995/440 8	8800/18 15400/97		Step=10"	Cad= 332s Pitch=+209"	1.024s/pixel 9",Yaw=+593"

 BCS -	06:42	07:32	07:35	CaPeak.c/s=1337	Associated 7 Qual= 2	Event # = 2340b FePeak=07:27	FePeak.c/s=111	#Peaks=1	dt= 7.7s	XEN=930102 1 024s/nixel
•	08:13	08:15	90:60	A CaPeak.c/s=1127	Associated 7 Qual= 5	Event # = 23407 FePeak=08:30	FePeak.c/s=62	#Peaks=1	dt= 7.7s	XEN=930103
SS	) !							Step=10"	Lad= 3325	1.0245/p1xe1
nt # 10/2		D0Y=301 Peak	End times		00-10-10				•	
	GOES HXRBS* 08:24:12	08:29:22	08:33:03	Peakc/s=81	Qual=00 Qual=01	Tot Cts=6246	MaxkeV=88			
nt # 10/2	Event # = 23408 89/10/28,09:46 Start	D0Y=301 Peak	End times							
GOES BCS BCS	09:45	09:46	10:36	CaPeak.c/s=326	Qual=00 Qual= 5	FePeak=09:45	FePeak.c/s=14	#Peaks=1 Sten=10"	dt= 3.8s X Cad= 332s 1	XEN=930104 1.024s/pixel
	09:33			Wavelength=2788	ď	Exp #=99249	Rast=180"x1"			", Yaw=-683"
nt # 10/2	Event # = 12656 89/10/28,10:22 Start	DOY=301 Peak	End times							
GOES HXRBS* UVSP	10:21:56 09:33	10:22:30	10:23:35	Peakc/s=48 Wavelength=2788A	Qual=00 Qual=01 A	Tot Cts=403 Exp #=99249	MaxkeV=62 Rast=180"x1"	Flags=I Step=O"	Pitch=+301	Pitch=+301",Yaw=-683"
	# = 23409 1/28,13:20 Start	D0Y=301 Peak	End times		00-16:00					
GOES BCS	13:08	13:20	13:39	CaPeak.c/s=52	Qual= 4	FePeak=13:36	FePeak.c/s=11	#Peaks=1 Sten=15"	dt= 7.7s Cad= 262s	XEN=930105 1.024s/pixel
<u>. a.</u>	13:31			₩avelength=2788	4	Exp #=99252	Rast=180"x1"	Step=0"		", Үаw=-683"
					89/10/2	29 DOY=302				
nt # 10/2 ical	Event # = 12314 89/10/29,21:55 Start Optical	DOY=302 Peak	End times		N27E78	AR5769	Mac.=CAO	Carr.Lon.	.=3deg	H.Ang≖77deg
GOES HXRBS* BCS	21:04 22:06:27 21:08	21:55 22:07:13 21:08	23:14 22:16:42 21:40	Importance=M2 Peakc/s=60 CaPeak.c/s=40	Qual=05 Qual=02 Qual= 5	Tot Cts=1882 FePeak=21:08	MaxkeV=62 FePeak.c/s=8	Flags=SN #Peaks=1 Ster=15"	dt= 7.7s Cad= 262s	XEN=930400 1.024s/pixel
ω <u>σ</u>	22:12			Wavelength=1375A	Ą	Exp #=99288	Rast=265"x265"		Pitch=-35	
					89/10/3	31 D0Y=304				
ent /	Event # = 12316 89/10/31,07:47 Start	DOY=304	Fnd times	SMM Pointing:	N25W70		Pitch=-384",Yaw=-823",Roll=Odeg	w=-823", Ro	ll=Odeg	H.Ang=70deg
GOES HXRBS* UVSP	07:46:35 08:13		07:4	Peakc/s=72 Wavelength=2788A	Qual=01 Qual=01 3A	Tot Cts=1226 Exp #=99332	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=-25	Pitch=-251", Yaw=-643"

69/10/31,08:13 Start	DOY=304 Peak End times	SMM Pointing:	N25W70		Pitch=-384", Yaw	, Yaw=-823", Roll=Odeg	H.Ang=70deg
GOES HXRBS* 08:13:21 UVSP 08:13 Radio Sweeps Radio Frequenc	<pre>S* 08:13:21 08:13:47 08:14:07    08:13     Sweeps</pre>	Peakc/s=55 Wavelength=2788A III/2 245/160	Qual=00 Qual=01	Tot Cts=267 Exp #=99332	MaxkeV=62 Rast=180"x1"	Step=0" Pitch=	Pitch=-251", Yaw=-643"
Event # = 12318 89/10/31,11:00 Start	DOY=304 Peak End times	SMM Pointing:	N25W72		Pitch=-387", Yaw	, Yaw=-834", Roll=Odeg	H.Ang=72deg
GUES HXRBS* 11:00:07 UVSP 11:16 Radio Sweeps	11:00:12 11:00:22 Type/Intensity:	Peakc/s=49 Wavelength=2788A III/2	Qua]=00 Qua]=01	Tot Cts=69 Exp #=99336	MaxkeV=62 Rast=180"x1"	Step=0" Pitch=-253"	-253", Yaw=-651"
/ = 12319 81,11:21 Start	DOY=304 Peak End times	SMM Pointing:	N25W72		Pitch=-387", Yaw	, Yaw=-834", Roll=Odeg	H.Ang=72deg
GOES HXRBS* 11:21:06 UVSP 11:16	11:21:13 11:2	Peakc/s=55 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=361 Exp #=99336	MaxkeV=62 Rast=180"x1"	Step=0" Pitch=-253"	-253", Yaw=-651"
ent # = 12321 /10/31,16:37 Start	00Y=304	SMM Pointing:	N26W74		Pitch=-391", Yaw=	, Yaw=-845", Roll=-1deg	H.Ang=74deg
GOES 16:13 HXRBS* 16:33:26 UVSP 16:24	16:37 17:19 16:35:38 16:42	Importance=Ml Peakc/s=62 Wavelength=2788A	Qual=04 Qual=02 Code=00	Tot Cts=3699 Exp #=99343	MaxkeV=88 Rast=180"x1"	Flags=SN Step=0" Pitch=-256"	-256", Yaw=-662"
an+ # - 10300			89/11/01	D0Y=305			
89/11/01,03:14 Start	DOY=305 Peak Fnd times	SMM Pointing:	N23E41		Pitch=-326",Yaw=	, Yaw=+581", Roll=Odeg	H. Ang=43deg
GOES 03:08 HXRBS* 03:09:45 UVSP 03:01 Radio Frequenc	\$5 03:08 03:14 03:22 \$5 03:09:45 03:10:04 03:11:20 03:01 io Frequency(MHz)/Flux(sfu):	Importance=C3 Peakc/s=94 Wavelength=278 245/370 410/77	Qual=04 Qual=01 Tot C: 8A Code=00 Exp #: 2695/35 4995/68 8	Tot Cts=2140 Exp #=99354 15/68 8800/46	MaxkeV=114 Rast=180"x1"	Step=0" Pitch=-3"	-3",Yaw=+0"
ent # = 12323 /11/01,06:28 Start	DOY=305	SMM Pointing:	NO4W00		Pitch=+0", Yaw=+0", Roll=0deg	", Roll=0deg	H.Ang=Odeg
GOES 06:21 HXRBS* 06:20:21 UVSP 06:03	06:28 06:36 06:21:25 06:23:22	Importance=C4 Peakc/s=65 Wavelength=2788A	Qual=01 Qual=01 Code=01	Tot Cts=1723 Exp #=99358	MaxkeV=88 Rast=180"x1"	Step=0" Pitch=-3"	≻_
= 12324 1,21:27 Start	DOY=305 Peak End times	SMM Pointing:	N23E30		Pitch=-320", Yaw=+451"	+451", Roll=Odeg	H.Ang=35deg
Optical GOES 21:24	, 21:	HaClass=SF Importance≖C2	N21E81 Oual=01	AR5776		Carr.Lon.=321deg	H.Ang=80deg
21:24:08 21:27	52	5A		Tot Cts=504 Exp #=99377	MaxkeV=88 Rast=265"x265"	Flags=ND Sten=5" Ditch=_312"	312" Vaw=+663"

Event # = 12325 89/11/01,21:35 p0Y=305	SMM Pointing:	N23E30	<b>a</b>	Pitch=-320",Yaw=+451",Roll=Odeg	151", Roll=Odeg	H.Ang=35deg
Peak End times 21:35:26 21:36:15 cy(MHz)/Flux(sfu):	Peakc/s=47 Wavelength=1375A 410/150	Qual=01 Tot Qual=01 Exp		MaxkeV=62 Rast=70"x70" St	Step=5" Pitch=-	Pitch=-400",Yaw=+471"
		89/11/02 00	D0Y=306			
Event # = 12326 89/11/02,02:23 DOY=306 5-23	SMM Pointing:	N23E28	<u>a</u>	Pitch=-319", Yaw=+417", Roll=Odeg	117", Roll=0deg	H.Ang=33deg
02:23:45 02:2	Peakc/s=52 Wavelength=1375A	Qual=06 Qual=01 Tot Exp	Cts=209 M #=99381 R	MaxkeV=88 Rast=265"x265" S1	Step=5" Pitch=-311",	-311", Yaw=+430"
Event # = 12327 89/11/02,03:36 DOY=306	SMM Pointing:	N04W00	<b>a</b> .	Pitch=+0", Yaw=+0",	,Roll=12deg	H.Ang=Odeg
start Peak	Ha.	N25E28	AR5769 M	Mac.=EKI Ca	Carr.Lon.=11deg	H.Ang=34deg
GDES 03:32 03:36 03:41 HXRBS* 03:32:45 03:34:07 03:34:37 UVSP 03:16	Importance=C3 Peakc/s=63 Wavelength=2788A	Qual=04 Qual=01 Tot Code=01 Exp	Cts=979 F #=99383 F	MaxkeV=62 Rast=180"x1" S <sup>.</sup>	Step=0" Pitch=-3"	-3", Yaw=+0"
Event # = 12328 89/11/02,04:08 DOY=306 54:04 + import	SMM Pointing:	N04W00		Pitch=+0",Yaw=+0"	, Yaw=+0", Roll=12deg	H.Ang=Odeg
04:08:25	Peakc/s=64 Wavelength=2788A	Qual=02 Qual=14 Tot Ct Exp #=	Cts=4089 P	MaxkeV=88 F Rast=180"x1" S	Flags=EN,SG,DG,ND Step=O" Pitch=-3"	0 -3", Yaw=+0"
Event # = 12329 89/11/02,08:09 DOY=306	SMM Pointing:	N04W00		Pitch=+1", Yaw=+3"	, Yaw=+3", Roll=-176deg	H.Ang=Odeg
Peak End Limes 08:09:32 08:09:51 y(MHz)/Flux(sfu):	Peakc/s=91 Wavelength=2788A 245/490	Qual=01 Qual=01 Tot Exp	Cts=1110 P #=99391	MaxkeV=88 Rast=180"x1" S	Step=0" Pitch=-3"	-3", Yaw=+0"
306 ±306	SMM Pointing:	N04W00		Pitch=+1", Yaw=+3", Roll=-176deg	, Roll=-176deg	H.Ang≈0deg
Start Peak End times GOES 10:15 10:18 10:21 HXRBS* 10:15:44 10:16:24 10:17:01 UVSP 09:18 Radio Frequency(MHz)/Flux(sfu):	Importance=C3 Peakc/s=2499 Wavelength=2788A 606/2	Qual=01 Qual=01 Tot Exp	(ts=19959 #=99392	MaxkeV=298 Rast=180"x1" S	Flags=M5 Step=O" Pitch=	Pitch=-3",Yaw=+0"
Event # = 12331 89/11/02,10:19 DOY=306 64:11 61:14 End + 11mes	SMM Pointing:	N04W00		Pitch=+1",Yaw≃+3"	', Yaw=+3", Roll=-176deg	H.Ang=Odeg
10:19:42 10:	Peakc/s=57	Qual=00 Qual=01 Tot Cts=214		MaxkeV=88		-

g H.Ang=29deg	Pitch=-182",Yaw=+273"	g H.Ang=29deg	<b></b> 182"	H.Ang=28deg	-181	H.Ang=27deg	eg H.Ang=70deg	Pitch=-180",Yaw=+233"	H.Ang=1deg	Pitch=+134",Yaw=-70"	H. Ang=25deg	Pitch=-321",Yaw≖+285"	H.Ang=25deg	Pitch=-321".Yaw=+274"
, Yaw=+348", Roll=Odeg	" Step=0"	, Yaw=+348", Roll=Odeg	Step=0"	.Yaw=+33/",Roll=0deg Carr.Lon.=320deg Carr.Lon.=319deg	Flags=DG,N Step=0"	, Yaw=+301", Roll=Odeg	Carr.Lon.=321deg	Step=0"	, Yaw=-9", Roll=14deg	" Step=0" Pitch	, Yaw≈+263", Roll=Odeg	Step=5"	, Yaw≈+253", Roll=Odeg	Step=5"
Pitch=-316"	MaxkeV=62 Rast=180"x1	Pitch=-316"	MaxkeV=62 Rast=180"x1"	Pltch=-316" Mac.=DAO	MaxkeV=165 Rast=180"xl 15400/51	Pitch=-315",	Mac.=DAO	MaxkeV=88 Rast=180"x1"	Pitch=-9", Ya	MaxkeV=88 Rast=180"xl"	Pitch=-315",	MaxkeV=114 Rast=70"x70"	Pitch=-315",	MaxkeV=192 Rast=70"x70"
	) Tot Cts=324 Exp #=99393		Tot Cts=1/3 Exp #=99393	AR5776 AR5776	Tot Cts=38176 Exp #=99395 4995/120 8800/62		AR5776	Tot Cts=233 Exp #=99400		Tot Cts=282 Exp #=99401		Tot Cts=502 Exp #=99405		Tot Cts=2605 Exp #=99406
N23E23	Qual=00 Qual=01 \$A	N23E23 Qual=00	I	NZSEZZ N19E74 N22E75	Jual=02 Jual=11 1415/79	N23E20	N19E70	Qual=01	NO5W01	Qual=00 Qual=01 A	N23E17	Qual=00 Qual=01	N23E16	Qual=01 Qual=01
SMM Pointing:	Peakc/s=48 Wavelength=2788A	SE S	× on	HaClass=2B Code=BSL	Importance=M3 (Peakc/s=194 (Wavelength=2788A 245/6200 606/140	SMM Pointing:	HaClass=SF	Peakc/s=65 Wavelength=2788A V/1 245/150	SMM Pointing:	Peakc/s=47 Wavelength=2788A	SMM Pointing:	Peakc/s=93 Wavelength=1375A	SMM Pointing:	Peakc/s=197 ( Wavelength=1375A
DOY=306 Peak Fnd times	11:11:05 11:1	d 4	11:14:38 11:14:52	imes	12:46 12:55 13:11 12:47:18 12:53:35 13:10:14 13:15 Frequency(MHz)/Flux(sfu):	DOY=306 Peak End times		* 17:26:05 17:26:17 17:26:31 16:52 Sweeps Type/Intensity: Frequency(MHz)/Flux(sfu):	DOY=306 End times	0:59 18:	DOY=306 Peak End times	21:53:06 21:53:17	DOY=306 Peak End times	23:35:05 23:35:31 23:36:21 23:11 Type/Intensity:
Event # = 12332 89/11/02,11:11 Start	_		11:14:34 11:45 = 12334	Optical Optical Optical	GOES 12:46 HXRBS* 12:47:18 UVSP 13:15 Radio Frequency	Event # = 12335 89/11/02,17:26 [ Start	Optical GOES	HXRBS* 17:26:05 J UVSP 16:52 Radio Sweeps Radio Frequency	= 12336 )2,18:50 Start	31	/ = 12337 02,21:53 Start	25	= 12338 2,23:35 Start	GOES HXRBS* 23:35:05 2 UVSP 23:11 Radio Sweeps

			89/11/03	D0Y=307			
Event # = 12339 89/11/03 03:55 DDY=307		SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=12deg	0", Roll=12deg	H.Ang=0deg
Start	End times	HaClass=SF	N13E65	AR5776	Mac.=DKO	Carr.Lon.=320deg	H.Ang=65deg
GOES 03:48 03:55 HXRBS* 03:49:27 03:50: UVSP 03:29 Radio Sweeps Type.	:55 04:04 :50:17 03:52:51 Type/Intensity:	Importance=C3 CPeakc/s=192 Wavelength=2788A (V/3	Qual=01 Qual=01 Code=01	Tot Cts=9657 Exp #=99409	MaxkeV=192 Rast=180"x1"	Step=0" Pitch=-3"	, Yaw=+0"
Event # = 12340 89/11/03,05:49 DOY=307	77 End +imes	SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=Odeg	-0", Roll=0deg	H.Ang=Odeg
05:49	) 05:	Peakc/s≈52 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=145 Exp #=99412	MaxkeV=62 Rast=180"x1"	Step=0" Pitch=-3", Yaw=+0"	, Yaw=+0"
		SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=Odeg	-0", Roll=Odeg	H.Ang=Odeg
*		Pear	Qual=01 Qual=01 Code=00	Tot Cts=73667 Exp #=99413	MaxkeV=271 Rast=180"x1"	Flags=M5 Step=0" Pitch=-3",Yaw=+0"	, Yaw=+0"
Radio Sweeps lype/Intensity Radio Frequency(MHz)/Flux(sfu)	e/Intensity: //Flux(sfu):	245/4900 410/190	1415/18	2695/22 4995/23 8	8800/39 15400/54		
Event # = 12342 89/11/03,07:21 DOY=30	# + + + + + + + + + + + + + + + + + + +	SMM Pointing:	NO4W00		Pitch=+0", Yaw=+0", Roll=Odeg	+0", Roll≖Odeg	H.Ang=Odeg
Start Peak GOES 07:17 07:21 HXRBS* 07:16:41 07:19:13 BCS 07:20 07:20	:11 07:22 07:24 07:20:40 07:22	Importance=C8 Peakc/s=162 CaPeak.c/s=28	Qual=01 Qual=01 Qual= 4	Tot Cts=4250 FePeak=07:20	MaxkeV=140 FePeak.c/s=12	#Peaks=1 dt= 7.7s	XEN=930700
FCS UVSP 06:30		₩avelength=2788A		Exp #=99413	Rast=0 x0 Rast=180"x1"	Step=0" cau=30+03 Step=0" Pitch=-3"	>_
Event # = 12343 89/11/03,07:30 DOY=307 5+art Peak	07 Fnd times	SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=Odeg	+0", Roll=Odeg	H.Ang=0deg
GOES HXRBS* 07:29:44 07:30:53 07:31:3 UVSP 06:30 Radio Frequency(MHz)/Flux(sfu)	07:31:30 lux(sfu):	Peakc/s=51 Wavelength=2788A 245/300 2695/24	Qual=00 Qual=11	Tot Cts=191 Exp #=99413	MaxkeV=62 Rast=180"x1"	Flags=DG Step=O" Pitch=-3	Pitch=-3",Yaw=+0"
Event # = 12659 89/11/03,10:41 DOY=307		SMM Pointing:	N04W00		Pitch=+2", Yaw=+3"	+3",Roll=-178deg	H.Ang=Odeg
		HaClass=SF	N21E60	AR5776	Mac.=DKO	Carr.Lon.=322deg	H.Ang≈61deg
	:42 10:34:57	akc/s=204	Qual=03 Qual=01 Associated	Tot Cts=2840 Event # = 12658		Flags=I	1 1 1 1
HXRBS* 10:30:22 10:30:	10:30:38 10:31:38	Peakc/s=78	Qua   =01	lot Cts=803	Maxkev=68	riags=1	

4 4000	1444		700 100 100 100 100 100 100 100 100 100							
.vent. #	Event # = 12344 89/11/03,15:53 Start	D0Y=307 Peak	End times		N16E60		Pitch=-233", Ya	, Yaw=+805", Roll=0deg	l =0deg	H.Ang=60deg
ptical OES	15:49	15:5	15:58	HaClass=SF	N16E60	AR5776	Mac.=DKO	Carr.Lon.=319deg	=319deg	H.Ang=60deg
HXRBS* BCS FCS	15:49:19 15:52	15:53	15:51:31 15:57	Peakc/s=158 CaPeak.c/s=38	Qual=01 Qual= 4	Tot Cts=3220 FePeak=15:52	MaxkeV=140 FePeak.c/s=12		dt= 7.7s	XEN=930701
UVSP Radio S	16:32 Sweeps	Type/I	Type/Intensity:	Wavelength=2788A III/1		Exp #=99422	Rast=0"x0" Rast=180"x1"	Step=0" Step=0"	Cad=3840s Pitch=-99"	3840s/pixel ,Yaw=+732"
Event # 89/11/0	Event # = 12345 89/11/03,16:03 Start	D0Y=307 Peak	End times	SMM Pointing:	N16E60		Pitch=-233", Ya	, Yaw=+805", Roll=Odeg	]=0deg	H.Ang=60deg
GOES HXRBS* UVSP	16:02:48 16:32	16:03:02		Peakc/s=138 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1186 Exp #=99422	MaxkeV=140 Rast=180"x1"	Step=0"	Pitch=-99",Yaw=+732	, Yaw=+732"
vent # 9/11/0	Event # = 12346 89/11/03,16:08 Start	D0Y=307	Fnd times	SMM Pointing:	N16E60	7.7	Pitch=-233", Yaw=+805",	w=+805", Rol	, Roll=Odeg	H.Ang=60deg
ptical DES	16:05	16:08		HaClass=SF Importance=C3	N21E09	AR5769	Mac.=EKI	Carr.Lon.=10deg	=10deg	H.Ang≕19deg
HXRBS* UVSP	16:05:14 16:32	16:05:32	16:07:01	Peakc/s=80 Wavelength=2788A	Qual=01	Tot Cts=1384 Exp #=99422	MaxkeV=140 Rast=180"x1"	Step=0"	Pitch=-99",Yaw=+732"	, Yaw=+732"
	t # = 23412 1/03,19:58 Start	D0Y=307 Peak	End times							
	19:52	19:58	20:08	HaClass=1B Importance=M3	N18E59 Qua]=05	AR5776	Mac.=DKO	<u>:</u>		H.Ang=59deg
FCS	20:09	03:03	77:07	eak.c/s=21 elength=2788A	Ųual≖ 5	FePeak=20:20 Exp #=99425	FePeak.c/s=5 Rast=0"x0" Rast=180"x1"	#Peaks=1 Step=0" Step=0"	dt= 7.7s Cad=3840s Pitch=-97",	XEN=930702 3840s/pixel ,Yaw=-70"
					89/11/04	1 DOY=308				
ᇦᆖ	# = 23413 /04,03:56 Start	D0Y=308 Peak	End times							
BCS FCS FCS	03:53	03:56	04:08	CaPeak.c/s=43	Qual=00 Qual= 1	FePeak=03:54	FePeak.c/s=9		dt= 7.7s	XEN=930800
SP.	03:58			Wavelength=1375A		Exp #=99433	Kast=0"x0" Rast=70"x70"	Step=0" Step=5"	Cad=3840s Pitch=-142",	3840s/pixel ',Yaw=+822"
Event # 89/11/02	L	1	End times	SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=179deg	0", Roll=179	)deg	H. Ang=0deg
GOES HXRBS* (UVSP	09:57 * 09:58:24 09:46	10:01 09:58:35		Importance=C3 Peakc/s=44 Wavelength=2788A	Qual=04 Qual=01 Code=00	Tot Cts=368 Exp #=99437	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=+134",Yaw=-70"	, Үаw=-70"

Event # = 12348 89/11/04.10:43	D0Y=308		SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=179deg	+0", Roll=179		H.Ang=Odeg
Optical	Peak	End times	.Class=SF	NZ6W06	AR5769	Mac.=EKI	Carr.Lon.=15deg		H.Ang=23deg
GDES 10:40 HXRBS* 10:38:01 UVSP 09:46	10:43 10:41:19	10:45 ) 10:43:31	88 84	Qual=01 Qual=01	Tot Cts=3413 Exp #=99437	MaxkeV=114 Rast=180"x1"	Step=0"	Pitch=+134",	, Үам=-70"
Event # = 12350 89/11/04,13:31	D0Y=308		SMM Pointing:	N16E48		Pitch=-222", Yaw=+692", Roll=Odeg	w=+692", Roll		H.Ang=49deg
Start GOES HXRBS* 13:31:26 UVSP 13:43 Radio Frequen	Peak :26 13:31:59 uency(MHz)/Fl	13:3 ux(s	Peakc/s=217 ( Wavelength=2788A 245/2300 410/200	Qual=00 Qual=11 606/1800	Tot Cts=3024 Exp #=99440	MaxkeV=140 Rast=180"x1"	Flags=1S Step=0"	Pitch=-87", Yaw=+620"	/aw=+620"
Event # = 12349 89/11/04.14:31	D0Y=308		SMM Pointing:	N16E48		Pitch=-222", Ya	, Yaw=+692", Rol	,Roll=Odeg +	H.Ang=49deg
Start Optical	Peak	End times	HaClass=SF	N22W04	AR5769	Mac.=EKI	Carr.Lon.=10deg		H.Ang=18deg
GDES HXRBS* 14:30:36 UVSP 14:18	14:31:29	9 14:32:03	Peakc/s=44 Wavelength=2788A	Qual=01 Qual=01	Tot Cts=270 Exp #=99441	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch≖-87",	, Yaw=+617"
Event # = 12351 89/11/04,21:05	D0Y=308		SMM Pointing:	N16E44		Pitch=-219", Ya	, Yaw=+647", Roll=0deg		H.Ang=45deg
Start Optical	Peak	End times	HaClass≕SF	N26W11	AR5769	Mac.=EKI	Carr.Lon.=14deg		H.Ang=24deg
GOES HXRBS* 21:05:28 UVSP 20:43 Radio Sweeps Radio Frequen	Type/ cy(MHZ)/	21:05:28 21:05:42 21:06:03 20:43 Type/Intensity: Frequency(MHZ)/Flux(sfu):	Peakc/s=86 Wavelength=2788A III/1 410/1200	Qual=01	Tot Cts=532 Exp #=99449	MaxkeV=88 Rast=39"x39"	Step=3"	Pitch=-147",Yaw=+619"	, Yaw=+619"
				89/11/05	5 DOY=309				
Event # = 12352 89/11/05,02:42	D0Y=309	Fnd + imes	SMM Pointing:	N16E41		Pitch=-218", Yaw=+615", Roll=Odeg	aw=+615", Rol	]=0deg	H.Ang=42deg
GOES HXRBS* 02:42:02 UVSP 02:38	2 02:42:15	05:	Peakc/s=62 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=663 Exp #=99454	MaxkeV=114 Rast=70"x70"	Step=5"	Pitch=-234",Yaw=+559"	, Үам=+559"
Event # = 12353 89/11/05,05:53	DOY=309	-	SMM Pointing:	N16E40		Pitch=-217", Ya	, Yaw=+595", Rol	, Roll≖Odeg	H.Ang=41deg
Start Optical	Peak		_	N25W90	AR5763	Mac.=HSX	Carr.Lon.=88deg	,=88deg	H.Ang≖88deg
GOES 05:45 HXRBS* 05:50:44 BCS 05:52	05:53 05:52:42 05:54	06:00 12 05:54:01 06:05	importance=C4 Peakc/s=64 CaPeak.c/s=54	Qual=01 Qual=01 Qual= 1	Tot Cts=1413 FePeak=05:54	MaxkeV=88 FePeak.c/s=9 Rast=0"x0"	#Peaks=1 Step=0"	dt= 3.8s X Cad=3840s	XEN=930900 3840s/pixel
UVSP 05:41			Wavelength=1375A Code=00	Code=00	Exp #=99456	Rast=265"x265		Pitch=-209	', Yaw=+601"

Event # = 123	7								
89/11/05,06:23 Start	3 DOY=309 Peak	End time	SMM Pointing:	N16E39		Pitch≖-217",Yav	, Yaw=+585", Roll=Odeg	0deg	H.Ang=40deg
Optical GOES			HaClass=SF	N15W46			Carr.Lon.=44deg	4deg	H.Ang=47deg
HXRBS* 06:23:05 UVSP 06:21	5 06:23:13	3 06:23:28	Peakc/s=48 Wavelength=1375A		Tot Cts=163 Exp #=99457	MaxkeV=62 Rast=10"x10"	Step=0" Pi	Pitch=-132"	, Yaw=+634"
Event # * 12355 89/11/05,07:30 Start	5 ) DOY=309 Peak	Fnd times	SMM Pointing:	N16E38		Pitch=-213", Yaw	, Yaw=+574", Roll=0deg	0deg	H.Ang≖39deg
Optical GOES 07:19	07:30	08:01		N23W13	AR5769	Mac.=EKI	Carr.Lon.=10deg	0deg	H.Ang=23deg
HXRBS* 07:18:1 UVSP 07:52 Radio Freque	07:18:13 07:23:09 07:28:2 07:52 Frequency(MHz)/Flux(sfu)	07:28:26 ux(sfu):	Peakc/s=335 Wavelength=2788A 1415/38 2695/120	Qual=11 Qual=11	Tot Cts=37160 Exp #=99459 8800/30	MaxkeV=165 Rast=180"x1"	Flags≖DG Step=0" Pi	Pitch=-82",	, Yaw=+502"
Event # = 12356 89/11/05,12:13 Start	6 D0Y=309 Peak	End times	SMM Pointing:	N16E36		Pitch=-211", Yaw	, Yaw=+544", Roll=Odeg		H.Ang=37deg
GOES HXRBS* 12:13:17 I UVSP 12:24 Radio Sweeps Radio Frequency	12 y(	:13:34 12:14:15 Type/Intensity: MHz)/Flux(sfu):	Peakc/s=225 Wavelength=2788A III/2 245/290	Qua]=00 Qua]=01	Tot Cts=1658 Exp #=99465	MaxkeV=165 Rast=180"x1"	Flags=FS Step=0" Pi	Pitch=-80",	, Yaw=+470"
Event # = 23411 89/11/05,19:30 Start	1 D0Y=309 Peak	End times	10 10 10	7					
GOES 19:21 BCS 19:23	19:30 19:29	19:38 19:39	HaClass=SF Importance=C3 CaPeak.c/s=53	N1/E33 Qual=03 Qual= 1	AR5776 FePeak=19:25	Mac.=DKI FePeak_c/s=q		ă	H.Ang≈35deg xFN≂03∩0∩1
FCS UVSP 19:02			8A		Exp #=99473	Rast=0"x0" Rast=180"x1"	Step=0" Car Step=0" Pi	Cad=3840s Pitch=-79",	7240s/pixel ,Yaw=+421"
Event # = 12357 89/11/05,19:43 Start	7 D0Y=309 Peak	End times	SMM Pointing:	N16E32		Pitch=-213", Yaw	, Yaw=+488", Roll=Odeg		H.Ang=33deg
GOES HXRBS* 19:43:23 19:43:53 19:44:3 UVSP 19:02 Radio Frequency(MHz)/Flux(sfu)	3 19:43:53 1cy (MHz)/F	19:44:31 lux(sfu):	Peakc/s=47 Wavelength=2788A 245/87	Qual=05 Qual=01	Tot Cts=199 Exp #=99473	MaxkeV≃62 Rast=180"x1"	Step=0" Pi	Pitch=-79",Yaw≖+421	/aw≖+421"
Event # = 12359 89/11/05,20:06 Start	) DOY≖309 Peak	End times	SMM Pointing:	N16E32		Pitch=-213", Yaw=+488", Roll=Odeg	=+488", Roll=0		H.Ang=33deg
Optical GOES 20:00	20:06		HaClass=SF Importance=C3	N16E31	AR5776	Mac.=DKI	Carr.Lon.=319deg		H.Ang=33deg
HXRBS* 20:04:12 2 UVSP 20:48 Radio Sweeps	2 20:04:54 Type/Ir	20:04:54 20:05:05 Type/Intensity:	~	Qual=01	Tot Cts=2570 Exp #=99474	MaxkeV=114 Rast=243"x243"	Step=3" Pi1	Pitch≖-205",	, Yaw=+491"
HXRBS* 20:02:01 20:02:39 20:03:05 Radio Frequency(MHz)/Flux(sfu):	20:02:39 icy(MHz)/F1		Peakc/s=74 245/300 410/84	Associated Qual=01	Event # = 12358 Tot Cts=1109	 MaxkeV=88	; ; ;		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

22:15	Event # = 12360 89/11/05,22:16	) DOY=309		SMM Pointing:	N16E31		Pitch=-215", Yaw	, Yaw=+478", Rol	, Roll=Odeg	H.Ang=33deg
22:15	Start Optical	Peak 2 ak	end times		N17E26	AR5776	Mac.=DKI	Carr.Lon.	=323deg	H.Ang=29deg
Mavelength=1375A Code=02 Exp #=99476 Rast=265"x265" Step=0 Peak End times	HXRBS* 22:13:27 HXRBS* 22:13:27 BCS 22:14	22:13:38 22:15	22:14:56 22:20 22:20		Qual=01 Qual=01 Qual= 5	Tot Cts≈3205 FePeak=22:14	MaxkeV=88 FePeak.c/s=31	#Peaks=1	dt= 3.8s	XEN=930902
DOY=310  Peak  Oual=00  Oual=01  Type/Intensity: Ill/idength=1375A  Type/Intensity: Ill/idength=1375A  Type/Intensity: Ill/idength=1375A  Oual=01	FCS UVSP 22:19			Wavelength=1375A		Exp #=99476	2	Step=0 Step=5"	cad=3040s Pitch=-205	, Yaw=+479"
DOY=310 Peak End times  O1:34  O1:43  CaPeak.c/s=32  Qual=0  Qual=0  O2:34  O1:34  O1:43  CaPeak.c/s=32  Qual=0  Qual=0  Qual=0  O2:34  O2:06  CaPeak.c/s=39  Qual=0  Exp #=99479  Rast=70"x70" Step=0"  Oual=00  Oual=00  Oual=00  Oual=00  Oual=01  DOY=310  DOY=310  SMM Pointing:  N16E27  DOY=310  DOY=310  SMM Pointing:  N16E27  Oual=01  Tot Cts=543  MaxkeV=88  MaxkeV=88  Oual=01  DOY=310  Oual=01  DOY=310  SMM Pointing:  N16E27  Oual=00  Oual=01  Oual=01  DOY=310  SMM Pointing:  N16E27  Oual=01  SMM Pointing:  N16E27  Oual=01  Oual=01  DOY=310  AxkeV=88  AxkeV=88  Oual=01  Oual=01  DOY=310  SMM Pointing:  N16E25  Oual=01  Oual=00  Oual=					89/11/0					
01:34 01:43 CaPeak.c/s=32 Qual=00 Exp #=99479 Rast=70"x70" Step=0"	Event # = 23414 89/11/06,01:34 Start	DOY=31 Peak	End times							
DOY=310 Peak  101:53 102:06  101:53 102:06  102:06  103:03 103:02:06  103:03 10		01:34	01:43		Qual=00 Qual= 4	FePeak=01:36	FePeak.c/s=8	#Peaks=1	dt= 7.7s X	XEN=931000
DOY=310         End times         Qual=00 Qual= 1         FePeak=01:51         FePeak.c/s=10 #Peaks=1 Step=0" Step=				Wavelength=1375A		Exp #=99479	Rast=70"x70"	Step=5"	Pitch=-217	', Yaw=+433"
01:53 02:06 CaPeak.c/s=39 Qual= 1 FePeak=01:51 Rast=0"x0" Step=0"	Event # = 2341. 89/11/06,01:53 Start	5 D0Y=310 Peak								
DOY=310  Mavelength=1375A  Exp #=99479  Rast=70.x70" Step=5"  Peak  Oual=00  O4:19:18 O4:19:23  Peak  Type/Intensity: III/I  Type/Intensity: III/I  SMM Pointing: N16E27  Oual=00  O4:21:23 O4:21:33 O4:21:39  DOY=310  DOY=310  DOY=310  DOY=310  SMM Pointing: N16E27  Oual=00  O4:21:23 O4:21:30 O7:34:59 O7:35:02  O7:34:59 O7:34:59 O7:35:02  Wavelength=1375A  Exp #=99479  Rast=70.x70" Step=5"  Pitch=-211", Yaw=+419", Roll  Pitch=-211", Yaw=+419", Roll  Poy=5"  Rast=70"x70" Step=5"  Oual=00  O4:21:23 O4:21:30 O4:21:30 O4:21:30 O4:21:30 O4:21:35 O4:21:30 O4:21:35 O4:21:30 O7:34:59 O7:35:02  O7:34:59 O7:35:02  DOY=310  Exp #=99483  RaskeV=62  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  Oual=00  O7:34:59 O7:35:02  Oual=00  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  O7:34:59 O7:35:02  Oual=00  Oual=00  Of:25:273  Oual=00  Oual=00  Of:27:270  Oual=00  Oual=00  Of:27:270  Oual=00  Oual=00  O7:34:59 O7:35:02  Oual=00  Oual=00  O7:34:59 O7:35:02  Oual=00  Oual=00  Oual=00  Of:27:270  Oual=00  Oual=00  Of:27:270  Oual=00		01:53	02:06	ak.c/s=39	Qual=00 Qual= 1	FePeak=01:51	FePeak.c/s=10	#Peaks=1	dt= 7.7s X	XEN=931001
DOY=310  DOY=310  Type/Intensity: III/1  Type/Intensity: III/1  Type/Intensity: III/1  Type/Intensity: III/1  Type/Intensity: III/1  Type/Intensity: III/1  SMM Pointing: N16E27  DOY=310  DOY=310  DOY=310  DOY=310  DOY=310  DOY=310  SMM Pointing: N16E25  DOY=310  DOY=310  DOY=310  DOY=310  DOY=310  SMM Pointing: N16E25  DOY=310  DOY=31				Wavelength=1375A		Exp #=99479	Rast=70"x70"	Step=5"	Pitch=-217	', Yaw=+433"
04:19:18 04:19:23 Peakc/s=165 Qual=01 Tot Cts=543 MaxkeV=140 Step=5"  Type/Intensity: 111/1	Event # = 1236 89/11/06,04:19 Start			Pointing	N16E27		Pitch=-211", Ya	w=+419",Rol	1=0deg	H.Ang=29deg
Type/Intensity: III/1 y(MHz)/Flux(sfu): 245/2400 410/77  D0Y=310  O4:21:23 04:21:39 Peakc/s=59 Qual=01  D0Y=310  SMM Pointing: N16E25  D0Y=310  SMM Pointing: N16E25  Oual=00  O4:21:23 04:21:39 Peakc/s=59 Qual=01  Exp #=99481  Pitch=-211", Yaw=+419", Roll  Rast=70"x70"  Oual=00  O7:34:59 07:35:02 Peakc/s=56 Qual=01  Exp #=99483  Rast=70"x70"  Step=5"  Oual=01  Exp #=99483  Rast=70"x70"  Step=5"	GOES HXRBS* 04:19:0:	5 04:19:18	8 04:19:23	Peakc/s=165	Qual=00 Qual=01	Tot Cts=543 Fxn #=99481	MaxkeV=140 Rast=70"x70"	Step=5"	Pitch=-216	Pitch=-216", Yaw=+410"
DOY=310 Peak End times  Oual=00 O4:21:23 O4:21:39 Peakc/s=59 Wavelength=1375A  DOY=310  Oual=01  Exp #=99481  Pitch=-211",Yaw=+419",Roll  Rast=70"x70" Step=5"  Oual=00 O7:34:59 O7:35:02 Peakc/s=56  Oual=01  Oy=310  MaxkeV=62  Oual=01  Exp #=99483  Rast=70"x70" Step=5"  Oual=01  Exp #=99483  Rast=70"x70" Step=5"	Radio Sweeps Radio Freque	Type/ ncy(MHz)/	Intensity: Flux(sfu):	111/1 245/2400 410/77				<u>.</u>		
04:21:23 04:21:39 Peakc/s=59 Qual=01       Qual=00 Tot Cts=371 PaxkeV=88 Exp #=99481       MaxkeV=88 Past=70"x70"       Step=5"         00y=310 Peak       SMM Pointing:       N16E25 Qual=00 O7:34:59 O7:35:02 Peakc/s=56 Qual=01 Tot Cts=97 Past=70"x70"       Pitch=-211", Yaw=+397", Roll Past=307", Roll Past=10"x70"	Event # = 1236 89/11/06,04:21 Start	2 D0Y=310 Peak		1	N16E27		Pitch=-211", Ya	w=+419", Rol	1=0deg	H.Ang=29deg
DOY=310 SMM Pointing: N16E25 Pitch=-211", Yaw=+397", Roll Peak End times Qual=00 Qual=00 O7:34:59 07:35:02 Peakc/s=56 Qual=01 Tot Cts=97 MaxkeV=62 Wavelength=1375A Exp #=99483 Rast=70"x70" Step=5"	GOES HXRBS* 04:21:0 UVSP 04:21	0 04:21:2	3 04:21:39	Peakc/s=59 Wavelength=1375A		Tot Cts=371 Exp #=99481	MaxkeV=88 Rast=70"x70"	Step=5"	Pitch=-216	Pitch=-216",Yaw=+410"
Qual=00 07:34:59 07:35:02 Peakc/s=56 Qual=01 Tot Cts=97 MaxkeV=62 Wavelength=1375A Exp #=99483 Rast=70"x70" Step=5"	Event # = 1236 89/11/06,07:34	3 DOY=310		SMM	N16E25		Pitch=-211", Ya	w=+397", Rol	]=0deg	H.Ang=28deg
	GOES HXRBS* 07:34:4 UVSP 07:22	9 07:34:5	9 07:35:02			Tot Cts=97 Exp #=99483	MaxkeV=62 Rast=70"x70"	Step=5"	Pitch=-215	Pitch=-215",Yaw=+385"

Event # = 12364							
89/11/06,08:59 DOY=310	SMM Pointing:	N16E24		Pitch=-210",Ya	, Yaw=+383", Roll:	, Roll=Odeg	H.Ang=27deg
במא	HaClass=SF	N19E51	AR5783	Mac.=DAO	Carr.Lon.=292deg	292deg	H.Ang=52deg
in n	Peakc/s=70 Wavelength=2788A 606/420	Qual=00 Qual=01	Tot Cts=405 Exp #=99484	MaxkeV=88 Rast=180"x1"	Step=0"	-75"	, Yaw=+314"
Event # = 12660 89/11/06,09:06 D0Y=310 Start Peak End times	SMM Pointing:	N16E24		Pitch=-210", Ya	, Yaw=+383", Roll=Odeg	=0deg	H.Ang=27deg
GOES HXRBS* 09:06:00 09:06:06 09:06:20 UVSP 08:39 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=48 Wavelength=2788A 245/48 410/160	Qual=00 Qual=01	Tot Cts=115 Exp #=99484	MaxkeV=62 Rast=180"x1"	Flags=I Step=0"	Pitch=-75",	,Yaw=+314"
Event # = 12366 89/11/06,09:24 DOY=310 Start Peak End times	SMM Pointing:	N16E24		Pitch=-210", Ya	, Yaw=+383", Roll=Odeg	=0deg	H.Ang≈27deg
200 24 000.	HaClass=SF HaClass=SF	N17E24 N18E50	AR5776 AR5783	Mac.≖DKI	Carr.Lon.=319deg Carr.Lon.=293deg		H.Ang≈27deg H.Ang≈51deg
HXRBS* 09:17:17 09:17:44 09:22:34	Peakc/s=571 CaPeak.c/s=205	Qual=01 Qual=1	Tot Cts=21017 FePeak=09:22	MaxkeV=218 FePeak.c/s=46			XEN=931002
9:35	Wavelength=2788A		Exp #=99485	Rast=0"x0" Rast=180"x1"	Step=0" (	Cad=3840s Pitch=-75",	3840s/pixel, Yaw=+307"
Frequency(MHz)/Flux(sfu):  * 09:11:49 09:13:22 09:15:23	111/2 245/530 606/220 4 	995/59 sociate Qual=01	8800/66 d Event # = 12365 Tot Cts=5551		1	•	1 1 1 1
Event # = 12368 89/11/06,10:51 DOY=310 Start Peak End times	SMM Pointing:	N16E23		Pitch=-210", Ya	, Yaw=+369", Roll=Odeg	=0deg	H.Ang=26deg
10:51:10 10:5	Peakc/s=50 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=143 Exp #=99487	MaxkeV=62 Rast=180"x1"	Step=0" F	Pitch=-75",	, Yaw=+294"
Event # = 12369 89/11/06,11:08 DOY=310 Start Peak End times	SMM Pointing:	N16E23		Pitch=-210", Yaw	, Yaw=+369", Roll=Odeg	-Odeg	H.Ang=26deg
11:08:17 11:0	Peakc/s=39 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=75 Exp #=99487	MaxkeV=62 Rast=180"x1"	Step=0" P	Pitch=-75",	, Yaw=+294"
Event # = 12370 89/11/06,12:14 DOY=310 Start Peak Fnd times	SMM Pointing:	N16E23		Pitch=-209", Yav	, Yaw=+358", Roll=Odeg		H.Ang=25deg
13.1	.Class=1N	N17E24 N16E29	AR5776 AR5781	Mac.=DKI	Carr.Lon.=317deg Carr.Lon.=312deg		H.Ang=27deg H.Ang=31deg
MXRBS* 12:06:27 12:10:06 12:37:38 UVSP 12:36 Radio Frequency(MHz)/Flux(sfu):	importance=n4	Uual=U4 Qual=12 100 606/18	Tot Cts=5.19E+5 Exp #=99489 00 1415/250 2695	JE+5 MaxkeV=298 Flags=IS,SG,ND Rast=180"x1" Step=0" Pitch=-74" 2695/360 4995/760 8800/760 15400/890	Flags=IS,SG Step=0" 8800/760 1540	i,ND bitch=-74", 00/890	, Yaw=+281"

: # = 2341 1/06,12:50 Start :al		nd times	Jass=SF	N13E29	AR5781	Mac.=CS0	Carr.Lon.=312deg	=312deg	H.Ang=30deg
GOES 12:27 BCS 12:33 FCS	12:50 12:42 12:40		Importance=C8 CaPeak.c/s=337 Peak3c/s=64	Qual=02 Qual= 2	FePeak=12:41	FePeak.c/s=45 Rast=0"x0"	_	dt= 7.7s Cad= 127s	XEN=931003 127.2s/pixel
~ ~	12:36 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=2788A Code=00 III/2 606/190	Code=00	Exp #=99489	Rast=180"x1"	Step=0"		, Yaw=+281"
Event # = 12367 89/11/06,13:50	7 DOY=310		SMM Pointing:	N16E22		Pitch=-210", Yaw	, Yaw=+342", Roll=Odeg	l≖0deg	H.Ang=24deg
start ical		Eria Cilles	.Class=18	N20E19	AR5776	Mac.=DKI	Carr.Lon.=321deg	=321deg	H.Ang=25deg
S 13:37 BS* 13:35:30 13:22	0 13:41:16 14:08	14:20 13:44:10 14:14	28	Qual=14 Qual= 5 Qual= 5	Tot Cts=5.55E+5 FePeak=14:08	MaxkeV=271 FePeak.c/s=12	Flags=I, Si #Peaks=2 s+on=0"	Flags=I, SA, ES, IS, DG #Peaks=2 dt= 7.7s	XEN=931004
rus UVSP 14:07 Radio Sweeps Radio Freque	14:07 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)		Wavelength=2788A II/2 245/2700 410/73		Exp #=99491		Step=0	pitch=-74"	7aw=+269"
Event # = 12371 89/11/06,18:52	1 DOY=310		SMM Pointing:	N16E19		Pitch=+186", Yaw=-322", Roll=-176deg	322", Rol	1=-176deg	H.Ang=23deg
Start ical	א יי א מ	ß	Class=1N	N18E16	AR5776	Mac.=DKI	Carr.Lon.=322deg	=322deg	H.Ang=21deg
GOES 18:3/ HXRBS* 18:37:3/ UVSP 18:40 Radio Freque	18:3/ 18:52 19:08 18:37:36 18:43:54 18:45:5:5 18:40 Frequency(MHz)/Flux(sfu)	σ	Importance=M2 Peakc/s=1323 Wavelength=2788A 2695/70 4995/180	Qual=05 Qual=02 Code=00 8800/120	Tot Cts=92090 Exp #=99497 15400/50	MaxkeV=165 Rast=180"x1"	Flags=M5, Step=0"	Flags=M5,SA Step=0" Pitch=+321",Yaw=-385	', Yaw=-385"
Event # = 23417 89/11/06,19:40 Start	7 D0Y=310 Peak	End times							
GOES 19:40			CaPeak.c/s=20	Qua]=00 Qua]= 4	FePeak=19:40	FePeak.c/s=6	#Peaks=1	dt= 7.7s	XEN=931005
P 19:14			Wavelength≈2788A		Exp #=99498	Kast=U"xU" Rast=180"x1"		cad=3840s Pitch=+134'	., Yaw=-70"
Event # = 12372 89/11/06,20:55	2 D0Y=310		SMM Pointing:	N16E18		Pitch≖-208", Yaw	, Yaw=+281", Rol	, Roll=Odeg	H.Ang=21deg
start ical	י המא טיה	21.22	HaClass=1F	N18E14	AR5776	Mac.=DKI	Carr.Lon.=323deg	*323deg	H.Ang=20deg
GVES 20:38 HXRBS* 20:53:58 BCS 20:56	8 20:54:44 20:57	21:02:56 21:20:56 21:20	Importance-no Peakc/s=74 CaPeak.c/s=1049	Qual=02 Qual=02 Qual= 5	Tot Cts=4782 FePeak=20:57	MaxkeV=62 FePeak.c/s=167		dt= 3.8s	XEN=931006
P 21:00			Wavelength=2788A Code=02	Code=02	Exp #*99499	Rast=243"x243"	Step=13	Pitch=-201"	", Yaw=+294"

Event # = 23418 89/11/06,21:21 Start Optical	= 23418 6,21:21 Start	D0Y=310 Peak	End times	HaClass=SF	N16E41	AR5783	Mac.=DAO	Carr.Lon.=295deg	=295deg	H.Ang=42deg
BCS 21	21:21 21:08	21:21	21:28	CaPeak.c/s=51 Wavelength=2788A	Qual=00 Qual= 5	FePeak=21:21 Exp #=99500	FePeak.c/s=6 Rast=240"x240" Rast=39"x39"	#Peaks=1 Step=15" Step=3"	dt= 7.7s x Cad= 262s 1 Pitch=-174",	XEN=931007 1.024s/pixel ", Yaw=+192"
Event # = 12373 89/11/06,23:01 Start Optical		DOY=310 Peak		SMM Pointing: HaClass=SF	N16E17 N19E42	AR5783	Pitch=-210", Yaw=+268", Roll=Odeg Mac.=DAO Carr.Lon.=293de	=+268", Roll=Odeg Carr.Lon.=293deg	]=0deg =293deg	H.Ang=21deg H.Ang=44deg
HXRBS* 22 UVSP 22	22:56:47 22:33	22:57:53	22:58:30	Importance=04 Peakc/s=66 Wavelength=1375A	700	Tot Exp	MaxkeV=62 Rast=70"x70"	Step=5"	Pitch=-244"	, Yaw=+224"
Event # = 23419 89/11/07,00:46 Start GOES 00:45 FCS UVSP 00:02 Radio Sweeps	# = 23419 '07,00:46 Start 00:45 00:02 Sweeps	DOY=311 Peak End 00:46 00:4 Type/Intens	End times 00:49 ntensity:	CaPeak.c/s=19 Wavelength=1375A III/3	69/11/0/ Qua]=00 Qua]= 4	FePeak=00:46 Exp #=99503	FePeak.c/s=7 Rast=0"x0" Rast=70"x70"	#Peaks=1 Step=0" Step=5"	dt= 7.7s X Cad=3840s Pitch=-244",	XEN=931100 3840s/pixel ", Yaw=+211"
Event # = 12374 89/11/07,01:31	12374 01:31	DOY=311	Fnd +imes	SMM Pointing:	N16E15		Pitch=-208", Yaw=+243", Roll=Odeg	=+243", Rol	l=0deg	H.Ang=19deg
GOES HXRBS* 01:28:02 BCS 01:31 FCS	1:28:02	01:28:21 01:31	01:29:28 01:32		Qual=00 Qual=01 Qual= 4	Tot Cts=414 FePeak=01:31	MaxkeV=114 FePeak.c/s=6 Rast=0"x0"	#Peaks=1 Step=0"	dt= 7.7s X Cad=3840s	XEN=931101 3840s/pixel
UVSP 01 Radio Swe	01:33 Sweeps	•	Type/Intensity:	Wavelength=1375A III/1		Exp #=99504	Rast=70"x70"	Step=5"	Pitch=-243"	, Yaw=+198"
Event # = 12375 89/11/07,01:39 Start GOES	12375 01:39 art	D0Y=311 Peak	<b>ν</b>	SMM Pointing:	N16E15 Qual=00		Pitch=-208", Yaw=+243", Roll=Odeg	=+243", Rol	]=0deg	H.Ang=19deg
HXRBS* 01:39:03 0 UVSP 01:33 Radio Sweeps Radio Frequency	1:39:03 1:33 eps requenc	HXRBS* 01:39:03 01:39:37 01:40:4 UVSP 01:33 Type/Intensity Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)		Peakc/s=121 Wavelength=1375A III/3 245/1800 410/52 2	Qual=01 2695/86	Tot Cts=3512 Exp #=99504	MaxkeV=114 Rast≈70"x70"	Step=5"	Pitch=-243",Yaw=+198	, Yaw=+198"
Event # = 23420 89/11/07,02:18 Start GOES BCS 02:01 FCS 01:33	= 23420 7,02:18 Start 02:01 01:33	00Y=311 Peak 02:18	End times 02:19	CaPeak.c/s=48 Wavelength=1375A	Qua]=03 Qua]= 2	FePeak=02:16 Exp #=99504	FePeak.c/s=9 Rast=0"x0" Rast=70"x70"	#Peaks=2 Step=0" Step=5"	dt= 3.8s X Cad=3840s Pitch=-243",	XEN=931103 3840s/pixel , Yaw=+198"

Maxee-186   Maxe	+	SMM Pointing:	N16E15		Pitch=-208", Yav	, Yaw=+243", Rol	, Roll=Odeg	H.Ang=19deg
Maxeelength=1754			N18E56	AR5783	Mac.=DAO	Carr.Lon.	=277deg	H.Ang=57deg
Peak(/s-69 Qual-Ol Tot Cts-1304 Maxkev-140  Peak(/s-69 Qual-Ol Tot Cts-1304 Maxkev-140  Peak(/s-69 Qual-Ol Tot Cts-391 Maxkev-140  Peak(/s-6501 Qual-Ol Tot Cts-391 Maxkev-140  Peak(/s-6501 Qual-Ol Tot Cts-4) 10E-5 Maxkev-140  Peak(/s-6501 Qual-Ol Tot Cts-4) 10E-5 Maxkev-140  Peak(/s-6501 Qual-Ol Tot Cts-4) 10E-5 Maxkev-140  Peak(/s-6301 Qual-Ol Tot Cts-4) 10E-5 Maxkev-140  Peak(/s-640 Qual-Ol Tot Cts-1304 Maxkev-160  Peak(/s-640 Qual-Ol Tot Cts-1304 Maxkev-160  Peak(/s-640 Qual-Ol Tot Cts-1304 Maxkev-160  Peak(/s-640 Qual-Ol Tot Cts-1304 Maxkev-160  Peak(/s-640 Qual-Ol Tot Cts-1304 Maxkev-160  Peak(/s-640 Qual-Ol Tot Cts-1304 Maxkev-160  Peak(/s-640 Qual-Ol Tot Cts-1304 Maxkev-170*, Yaw-1177*, Roll-Odeg H.Ang-16deg  Peak(/s-6501 Qual-Ol Tot Cts-1304 Maxkev-180*)  SMM Pointing: N16E11 Pitch-207*, Yaw-1177*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E11 Pitch-207*, Yaw-1177*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E11 Pitch-207*, Yaw-1177*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E11 Pitch-207*, Yaw-1177*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E11 Pitch-207*, Yaw-1177*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E11 Pitch-206*, Yaw-1177*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E11 Repair Maxkev-140*  SMM Pointing: N16E10 Pitch-206*, Yaw-116d*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E10 Pitch-206*, Yaw-116d*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E10 Pitch-207*, Yaw-116d*, Roll-Odeg H.Ang-16deg  Peak(/s-1620 Qual-Ol Tot Cts-1304 Maxkev-140*)  SMM Pointing: N16E10 Pitch-207*, Yaw-116d*, Yaw-116d*, Yaw-116d*, Yaw-16d*, Yaw-16d*, Yaw-16d*, Yaw-16d*, Yaw-16d*, Yaw-1	:16 :57:14	mportance=M2  eakc/s=41  ave ength=137!	Qua 1=05 Qua 1=01			Ē	Pitch=-243	, Yaw=+18
SMM Pointing: N16E14	:01:31	eakc/s=93	(ssociated Qual=01			i i	•	1 1
SMH Pointing: N16E14	03:02:31 03:02:47	eakc/s=69	(ssociated Qual=01		•	1	1	1 1 1
Hanclass=28	, F	SMR	N16E14		Pitch=-208", Yaw	v=+230", Rol	1=0deg	H. Ang=19deg
Importance=N, Qual=01	ָר בּוּ	Ha	N20E13	AR5776	Mac.=DKI	Carr.Lon.	=320deg	H.Ang=21deg
Capeak.c/s=145 Qual= 1 FePeak=03:21 FePeak.c/s=1158 #Peaks=2 dt=7.75 XEN=93104  Navelength=13754 Code=00 Exp #=99505  245/4300 410/756 G66/230 1415/2900 2695/430 4995/280 8800/1100 15400/690  Peak.c/s=49 Qual=01 Tot Cts=188 MaxkeV=88  111/3  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E11 Pitch=-206", Yaw=+164", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E10 Pitch=-206", Yaw=+164", Roll=Odeg H.Ang=16deg  SMM Pointing: N16E10 RaxkeV=88 Flags=ES Flag	4.000	Peak.	Qual=00 Qual=01	Tot Cts=4.10E+5	MaxkeV=461	Flags=M5		10000
Wavelength=1375A Code=00	3:41:00 3:45	CaPe	Qual= 1		FePeak.c/s=1158	3 #Peaks=2	dt= 7.7s	XEN=931104
24/5/4300 410/750 606/230 1415/2900 2695/430 4995/280 8800/1100 15400/690	:	Wayelength=1375A	\ Code=00		Kast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 2628 Pitch=-243	1.0245/plxel ",Yaw=+185"
11/2	ensity: x(sfu):	245/4300 410/750	06/230	1415/2900 2695/43	30 4995/280 8800	0/1100 1540	069/0	
Peakc/s=63 Qual=01 Tot Cts=436	3:37:56	c/s=49	(Ssociated Qual=01	<pre>event # = 12380 Tot Cts=188</pre>	MaxkeV=62	1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CaPeak.c/s=139 Qual= 5 FePeak=03:45 Rast=240"x240" \$tep=15" Cad= 262s 1.024s/pixel  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=0deg H.Ang=16deg  Peakc/s=57 Qual=01 Tot Cts=230 Rast=180"x1" Step=0" Pitch=-73", Yaw=+100"  SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=0deg H.Ang=16deg  Importance=C3 Qual=01 Tot Cts=1329 Rast=180"x1" Step=0" Pitch=-73", Yaw=+100"  SMM Pointing: N16E10 Pitch=-206", Yaw=+164", Roll=0deg H.Ang=16deg  SMM Pointing: N16E10 Pitch=-206", Yaw=+164", Roll=0deg H.Ang=16deg  Peakc/s=141 Qual=03 Tot Cts=1791 Rast=180"x1" Step=0" Pitch=-72", Yaw=+95"  Wavelength=2788A Exp #=99510 Rast=180"x1" Step=0" Pitch=-72", Yaw=+95"	3:39:38	11/2  Peakc/s=63	Associated Qual=01	Event # = Tot Cts=4	MaxkeV=88	ı	1 1 1	1
SMM Pointing:       N16E11       Pitch=-207", Yaw=+177", Roll=Odeg         Peakc/s=57       Qual=01       Tot Cts=230       Maxkev=88       Flags=M5       Pitch=-73", Roll=Odeg         SMM Pointing:       N16E11       Pitch=-207", Yaw=+177", Roll=Odeg         Importance=C3       Qual=01       Tot Cts=1329       Maxkev=140       Pitch=-207", Yaw=+177", Roll=Odeg         SMM Pointing:       N16E10       Pitch=-206", Yaw=+164", Roll=Odeg         SMM Pointing:       N16E10       Pitch=-206", Yaw=+164", Roll=Odeg         Peakc/s=141       Qual=03       Tot Cts=1791       Maxkev=88       Flags=ES         Wavelength=2788A       Exp #=99510       Rast=180"x1"       Step=0"       Pitch=-72", Pitch=-72"	a:50 3:50		\ssociated Qual= 5	Event # = FePeak=03	FePeak.c/s=10 Rast=240"x240"	#Peaks=1 Step=15"	75	xen=931105 1.024s/pixel
Peakc/s=57 Wavelength=2788A  Signal=01  Signal=02  Figus=M5  Fi		SMM Pointing	N16E11		Pitch=-207", Ya	w=+177", Rol	1=0deg	H.Ang=16deg
SMM Pointing: N16E11 Pitch=-207", Yaw=+177", Roll=Odeg Importance=C3 Qual=O1 Tot Cts=1329 MaxkeV=140 Wavelength=2788A Exp #=99509 Rast=180"x1" Step=O" Pitch=-73",  SMM Pointing: N16E10 Pitch=-206", Yaw=+164", Roll=Odeg Peakc/s=141 Qual=O3 Tot Cts=1791 MaxkeV=88 Flags=ES Wavelength=2788A Exp #=99510 Rast=180"x1" Step=O" Pitch=-72",	$\sim$	Peal Save	Qual=00 Qual=01	Tot Cts=230 Exp #=99509		Flags=M5 Step=0"	Pitch=-73"	, Yaw=+100"
Importance=C3 Qual=01	+	SMM Pointing	N16E11		Pitch=-207", Ya	w=+177", Rol	]=0deg	H.Ang=16deg
SMM Pointing: N16E10 Pitch=-206", Yaw=+164", Roll=Odeg times Qual=00 Cts=1791 MaxkeV=88 Flags=ES Wavelength=2788A Exp #=99510 Rast=180"x1" Step=0" Pitch=-72",	id time: 1:39 1:29:35	Impo Peak Wave		Tot Cts=1329 Exp #=99509	MaxkeV=140 Rast=180"x1"	Step=0"	Pitch=-73"	, Yaw=+100"
Qual=00 19:21 Peakc/s=141 Qual=03 Tot Cts=1791 MaxkeV=88 Flags=ES Wavelength=2788A Exp #=99510 Rast=180"x1" Step=0"		SMM	N16E10		Pitch=-206", Yaw	w=+164", Rol	1=0deg	H.Ang=16deg
		•		Tot Cts=1791 Exp #=99510	MaxkeV=88 Rast=180"x1"	Flags=ES Step#0"		, Yaw=+95"

Event # = 12409 89/11/07,12:48	D0Y=311		SMM Pointing:	N16E09		Pitch=-206", Ya	, Yaw=+148", Roll=0deq	H.Ang≈15deg
Start Optical	Peak	End times	HaClass=SN	N20W48	AR5770	Mac.=DA0	Carr.Lon.=16deg	H.Ang=50deg
Optical Optical GOFS			HaClass=SF HaClass=SF	N13E16 N27W33	AR5/81 AR5769		Carr.Lon.≈312deg Carr.Lon.≈1deg	H.Ang≈18deg H.Ang=39deg
HXRBS* 12:48:35 UVSP 12:48	12:48:54	12:49:44	Peakc/s=54 Wavelength=2788A	Qual=01	Tot Cts=562 Exp #=99513	MaxkeV=62 Rast=180"x1"	Step=0" Pitch=-72"	, Yaw=+74"
Event # = 12384 89/11/07,13:39 Start	. DOY=311 Peak	End times	SMM Pointing:	N16E08		Pitch=-209", Ya	, Yaw=+133", Roll=Odeg	H.Ang=15deg
GOES HXRBS* 13:39:17 UVSP 13:22	13:39:42	13:39:46	Peakc/s=47 Wavelength=2788A	Qual=00 Qual=01	Fot Cts=134 Exp #=99514	MaxkeV=62 Rast=180"x1"	Step=0" Pitch=-72",Yaw=+68"	, Yaw=+68"
Event # = 12385 89/11/07,15:13	DOY=311	+ to 0	SMM Pointing:	N16E08		Pitch=-206", Ya	, Yaw=+122", Roll=0deg	H.Ang=14deg
Optical Cors	4		HaClass=SF	N14W75	AR5777	Mac.=AXX	Carr.Lon.≖42deg	H.Ang=75deg
	15:13:10	15:13:31	Peakc/s=57 Wavelength=278	Qual=01 Qual=01		MaxkeV=88 Rast=180"x1	tch≖-72	, Yaw=+56"
HXRBS* 15:14:03	15:14:31	15:14:41	Peakc/s=73	Associated Qual=01	Event # = 12380   Tot Cts=498	MaxkeV=88	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	1 1 1 1 1 1 1 1 1
Event # = 12387 89/11/07,15:53 Start	DOY=311 Peak	End times	SMM Pointing:	N16E08		Pitch=-206", Ya	Pitch=-206", Yaw=+122", Roll=Odeg	H.Ang=14deg
GOES HXRBS* 15:52:42 UVSP 15:48		15:53:08 15:53:40	Peakc/s=82 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=1096 Exp #=99517	MaxkeV=114 Rast=180"x1"	Step=0" Pitch=-72",Yaw=+47"	, Yaw=+47"
Event # = 12388 89/11/07,16:59	DOY=311	Fod +	SMM Pointing:	N16E07		Pitch=-206", Ya	, Yaw=+110", Roll=Odeg	H.Ang=14deg
Optical	16:59	17:18	HaClass=1N Importance=M1	N16E29 Oual=03	AR5783	Mac.=DAO	Carr.Lon.=297deg	H.Ang=31deg
HXRBS* 16:41:34 BCS 16:46	16:56:09 16:55	17:02:59 17:26	Peakc/s=99 CaPeak.c/s=71	Qual=13 Qual= 2	Tot Cts=11651 FePeak=16:55	MaxkeV=140 FePeak.c/s=15	Ξ.	XEN=931107
	7:18 Type/Intensity		Wavelength=2788A III/3		Exp #=99519	Rast=U xU Rast=180"x1"	Step=0" cad=1.02s Step=0" Pitch=-72"	1.0∠4s/plxe: ,Yaw≈+33"
	cy (MHz)/F		245/460 1415/51	2695/71 4995/50	995/50			
Event # = 12389 89/11/07,18:11 Start	DOY=311 Peak	End times	SMM Pointing:	N04W00		Pitch=+0", Yaw=	Pitch=+0", Yaw=+0", Roll=15deg	H.Ang=Odeg
GOES HXRBS* 18:11:27 UVSP 17:54	18:11:41	18:11:54	Peakc/s=209 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=922 Exp #=99520	MaxkeV=140 Rast=180"xl"	Step=0" Pitch=+134",Yaw=-70"	", Yaw=-70"
								The second secon

Event # = 12390 89/11/07,18:13	DOY=311		SMM Pointing:	NO4WOO		Pitch=+0", Yaw=+0", Roll=15deg	0", Roll=15deg	H.Ang=Odeg
Start GOES HXRBS* 18:13:21 UVSP 17:54			Peakc/s=52 Wavelength≈2788A	Qual=00 Qual=01	Tot Cts=216 Exp #=99520	MaxkeV=114 Rast=180"x1"	Step=0" Pitch	Pitch=+134",Yaw=-70"
Event # = 12392 89/11/07,18:39	D0Y=311		SMM Pointing:	NO4W00		Pitch=+0", Yaw=+0",	0", Roll=15deg	H.Ang=0deg
Optical	reak	_ •	.Class=SF	N18E77	AR5786	Mac.=HSX	Carr.Lon.=248deg	eg H.Ang=77deg
GOES 18:35 HXRBS* 18:39:58 UVSP 18:49	18:39 18:40	18:42 18:40	rtance=L9 c/s=144 ]ength=2788	Qual=02 Qual=01		eV=88 =180"x1	Step=0"	+134", Yaw=-70
HXRBS* 18:38:11	18:38:34	18:38:54	Peakc/s=144	Associated Qual=02	Event # = 12391 Tot Cts=1001	MaxkeV=88	Flags=SG	! ! ! !
Event # = 12393 89/11/07,18:56	D0Y=311	+	SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=15deg	0", Roll=15deg	H.Ang=Odeg
Start GOES HXRBS* 18:55:12 UVSP 18:49	reak : 18:56:25	18:5	Peakc/s=43 Wavelength=2788A	Qua]=00 Qua]=01	Tot Cts=480 Exp #=99521	MaxkeV=62 Rast=180"x1"	Step=0" Pitch	Pitch=+134",Yaw=-70"
Event # = 12394 89/11/07,19:33	D0Y=311		SMM Pointing:	N16E05		Pitch=-207", Yaw	, Yaw=+84", Roll=Odeg	H.Ang=13deg
Start Optical	Peak	E E		N17E74	AR5786	Mac.=HSX	Carr.Lon.=250deg	eg H.Ang=74deg
GUES 19:28 HXRBS* 19:34:21 UVSP 19:25	19:33 19:45:06	19:4/ 20:11:01	Importance=m3 Peakc/s=95 Wavelength=2788A	Qual=03 Qual=04 Code=00	Tot Cts=12916 Exp #=99522	MaxkeV=114 Rast=180"x1"	Flags=M5, SN, EG Step=O" Pitch=-73"	=-73", Yaw≖-70"
Event # = 12395 89/11/07,20:21	D0Y=311		SMM Pointing:	N16E05		Pitch=-207", Yaw	, Yaw=+84", Roll=Odeg	H.Ang=13deg
Start Optical	Peak	≡es	27 = 07 ce + r can I	N20E03	AR5776	Mac.=DKI	Carr.Lon.=321deg	eg H.Ang=17deg
GUES 20:1/ HXRBS* 20:13:55 UVSP 21:09	. 20:19:05	20:27:59	Importance-to Peakc/s=75 Wavelength=2788A	Qua]=04	Tot Cts=6393 Exp #=99523	MaxkeV=88 Rast=243"x243"	Flags=EN,SG Step*3" Pitch=-200",	1=-200", Yaw=+83"
Event # = 12396 89/11/07,20:42	DOY=311	+ T	SMM Pointing:	N16E04		Pitch=-208", Yaw	, Yaw=+71", Roll *Odeg	H.Ang=13deg
Optical		Ê	HaClass=2B	N13E71	AR5786	Mac.=HSX	Carr.Lon.*252deg	eg H.Ang=71deg
UVSP 21:09:58	20:42 3 21:15:41	21:22:34 21:22:34	Importance=no Peakc/s=56 Wavelength=2788A	Qual=02 Qual=02	Tot Cts=5235 Exp #=99523	MaxkeV=62 Rast=243"x243"	Flags=SN,ND Step=3" Pitch	D Pitch=-200",Yaw=+83"
Event # = 12397 89/11/07,22:45	DOY=311	+	SMM Pointing:	N04W00		Pitch=+0", Yaw=+0", Roll=Odeg	0", Roll=0deg	H.Ang=Odeg
GOES 22:44:37 HXRBS* 22:44:37 UVSP 22:46	rean 7 22:45:01	22:45:21	Peakc/s=45 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=272 Exp #=99525	MaxkeV=62 Rast=243"x243"	Step=3" Pitch	Pitch=-962",Yaw=+13"

Event # = 12398 89/11/07,23:00	D0Y=311	1 4 5 C C	SMM Pointing:	N00E83		Pitch=+3", Yaw=+962"	962", Roll=Odeg	deg	H.Ang=83deg
Optical			HaClass=SF	N23E51	AR5769	Mac.=EAI	Carr.Lon.=271deg	271deg	H.Ang=53deg
UVSP 22:57	23:00:44	1 23:01:00	Peakc/s=108 Wavelength=2788A	Qual=01	Tot Cts=893 Exp #=99526	MaxkeV=114 Rast=243"x243"	Step=3"	Pitch=+7",Y	, Yaw=+982"
Event # = 12399 89/11/07,23:16	D0Y=311	- PG	SMM Pointing:	N04W00		Pitch=+2", Yaw=-	, Yaw=-8", Roll=0deg	Đị	H.Ang=Odeg
Optical	r r r r r		HaClass=SF	N18W02	AR5776	Mac.=DKI	Carr.Lon.=324deg	324deg	H.Ang=15deg
A1A1 3	3:16:01 23:16:35 23:17:13 3:06 Type/Intensity Frequency(MHz)/Flux(sfu)	ιο	Peakc/s=80 Wavelength=2788A III/3 V/3 410/64 606/160 141	qual=01 Qual=01 415/110 26	c/s=80 Qual=01 Tot Cts=1216 igth=2788A Exp #=99527 V/3 606/160 1415/110 2695/110 4995/25	MaxkeV=88 Rast=243"x243"	Step=3"	Pitch≈+7",Yaw≂-956"	/aw≈-956"
				89/11/08	3 DOY=312				
Event # = 12400 89/11/08,00:43 Start	DOY=312 Peak	Fnd times	SMM Pointing:	N16E03	ı	Pitch=-208",Yaw=+44",Roll=Odeg	=+44", Roll=	0deg	H.Ang=13deg
GOES HXRBS* 00:43:42 UVSP 00:11		9:00	Peakc/s=82 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=130 Exp #=99529	MaxkeV=114 Rast=265"x265"	Step=5"	Pitch≈-200",Yaw≖+56	', Yaw=+56"
Event # = 12401 89/11/08,00:52 Start	D0Y=312 Peak	End times	SMM Pointing:	N16E03		Pitch=-208", Yaw	, Yaw=+44", Roll=0deg	:0deg	H.Ang=13deg
GOES HXRBS* 00:52:34 UVSP 00:52	00:52:34 00:52:45 00:52	00:52:48	Peakc/s=86 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=152 Exp #=99530	MaxkeV=62 Rast=10"x10"	Step=0"	Pitch=-83",	, Үаw=+133"
Event # = 23422 89/11/08,01:41 Start	D0Y=312 Peak	End times	NI = 22cl 7 cll	NOONOG	AD5.776	100 T	1 20		L Anna 15dea
Optical Optical GOES 01:10	01:41		HaClass=IN HaClass=SF Importance=C4	N21E01 0ual=04	AR5776	ממרמאו	Carr. Lon. =320deg		H. Ang=17deg
BCS 01:38 FCS 01:41 UVSP 01:41	01:41	01:47	CaPeak.c/s=46 Wavelength=1375A		FePeak=01:40 Exp #=99531	FePeak.c/s=11 Rast=240"x240" Rast=265"x265"	#Peaks=1 Step=15" Step=5"	dt= 3.8s X Cad= 262s 1 Pitch=-200",	XEN=931200 1.024s/pixel ", Yaw=+43"
Event # = 23423 89/11/08,02:22 Start Optical	D0Y=312 Peak	End times	HaClass=SF		AR5776	Mac.=DAI	Carr. Lon.=322deg	322deg	H.Ang=17deg
GOES BCS 02:22 FCS	02:22	02:25	CaPeak.c/s=24	Qual=00 Qual= 4	FePeak=02:22	FePeak.c/s=7	#Peaks=1	dt= 7.7s	XEN=931201 1_024s/pixel
UVSP 01:45			Wavelength=1375A		Exp #=99532	Rast=70"x70"	Step=5"	Pitch=-253"	", Yaw=-55"

Event # =	12402	DOV=312		SMM Pointing:	N16E02		Pitch=-208", Yaw	, Yaw=+30", Roll=Odeg	0deg	H.Ang=13deg
09/11/00,02:23 Start Optical	rt.	Peak	End times	Class=S	N18E26	AR5783 P	Mac.=EKO	.Lon.	=294deg	H.Ang=29deg
GDES HXRBS* 02: BCS 02: FCS 01:	:28:49 :29 :45	02:29:02 02:29	02:29:50 02:30	Peakc/s=104 CaPeak.c/s=20 Wavelength=1375A	Qual=00 Qual=01 Qual= 2	Tot Cts=1280 FePeak=02:29 FExp #=99532 FExp	MaxkeV=140 FePeak.c/s=7 Rast=240"x240" Rast=70"x70"	#Peaks=1 Step=15" Step=5"	dt= 7.7s Cad= 262s Pitch=-253"	XEN=931202 1.024s/pixel ", Yaw=-55"
Event # = 89/11/08.0	t # = 12403 1/08.03:32	D0Y=312		SMM Pointing:	N04W00		Pitch=+0", Yaw=+	, Yaw=+0", Rol]=12deg	leg	H.Ang=Odeg
Optical	ırt	-	End time:	HaClass=SF	N18E25	AR5783	Mac.=EKO	Carr.Lon.=295deg	-295deg	H.Ang=28deg
GOES 03:25 HXRBS* 03:25: UVSP 03:13 Radio Sweeps	.25 .25:50 .13 eps	03	03:39 03:32:03 itensity:	<pre>Importance=C5  C Peakc/s=71 Wavelength=1375A ( III/3</pre>	\ual=01 \ual=01 \ode=00	Tot Cts=3740   Exp #=99533	MaxkeV=88 Rast=70"x70"	Step=5"	Pitch=-46",	, Үам=-84"
Event # = 89/11/08.0	t # = 12404 1/08.05:24	D0Y=312		SMM Pointing:	N15W00		Pitch=-200", Yaw	, Yaw=+6", Roll=0deg	рарс	H.Ang≖12deg
Sta	art	Peak	End times	HaClass=1N	N18E25	AR5783	Mac.=EKO	Carr.Lon.	=294deg	H.Ang=28deg
GOES 05: HXRBS* 05: BCS 05:	05:18 05:17:16 05:20	05:24 05:18:3 05:22	05:44 5 05:20:31 05:31	Importance=C6 Peakc/s=92 CaPeak.c/s=39	Qual=03 Qual=01 Qual= 1	22	MaxkeV=114 FePeak.c/s=8 Rast=240"x240"	Flags=M5, #Peaks=1 Step=15"	= 7.7s d= 262s	XEN=931203 1.024s/pixel
	:44 requen	04:44 Frequency(MHz)/Flux(sfu)	Flux(sfu):	Wavelength=1375A 245/86	Code=00	Exp #=99534	Rast=70"x70"	Step=5"	tch=-253	', Yaw=-81"
Event # = 12405 89/11/08,06:09	12405 06:09	D0Y=312	:	SMM Pointing:	N16W01		Pitch=-206", Yaw	, Yaw=-15", Roll:	,Roll≖Odeg	H.Ang=12deg
Sta Optical	art		End times		N20W04	AR5776	Mac.=DAI	Carr.Lon.	=322deg	H.Ang=17deg
	06:00 06:08:46 06:10	06:09 06:10:5 06:10	06:33 6 06:12:28 06:29	Importance=M3 Peakc/s=49 CaPeak.c/s=969	Qual=05 Qual=02 Qual= 5	Tot Cts=699 FePeak=06:10	MaxkeV=114 FePeak.c/s=135 Rast=240"x240"	Flags=SN #Peaks=1 Step=15"	dt= 3.8s Cad= 262s	XEN=931204 1.024s/pixel
LCS UVSP 06 Radio Swe	:14 eps	Type/		Wavelength=1375A III/3	4 Code=02	Exp #=99535	Rast=70"x70"		Pitch=-253	", Yaw=-95"
Radio Frequen 	requen :32:45	ncy(MHz)/  5 06:34:2	1	245/110 410/55 			MaxkeV=114	1 1	1 1 1 1 1 1	
BCS 06 FCS	6:29	06:29	06:38	CaPeak.c/s=42	Associateu Qual= 5	FePeak=06:30	0	#Peaks=1 Step=15"	dt= 7.7s Cad= 262s	xEN=931205 1.024s/pixel
Event # = 89/11/08,	t # = 12407 1/08,07:55			SMM Pointing:	N16W01	A PARTY TO THE PAR	Pitch=-206", Ya	, Yaw=-15", Roll	, Roll=Odeg	H.Ang=12deg
St Optical Optical	art		End time	s HaClass=SF HaClass=1F	N16E22 N25W47	AR5783	Mac.=EKO	Carr.Lon.=295deg Carr.Lon.=4deg	=295deg =4deg	H.Ang=25deg H.Ang=50deg
GÖES 06 HXRBS* 06 UVSP 07 Radio Swe	:44 :44:4 :45 eps	3 06	:55 09:01 :49:33 06:55:29 Type/Intensity:	Importance=M2 Peakc/s=177 Wavelength=1375A ( III/3	Qual=02 Qual=01 A Code=00	Tot Cts=21302 Exp #=99536	MaxkeV=88 Rast=70"x70"	Step=5"	Pitch=-253"	;", Yaw=-108"

ᆠᅘᆠ	Qual=11 Tot Cts=3696 Associated Event # = 12411 Qual=01 Tot Cts=183
	NO3WOO
	Qual=03 Qual=01 Tot Exp
	N04W00
Cts=259 #=99537	Qual=00 Qual=01 Tot Exp
	N16W03
	Qual=00 Qual=01 Tot Cts=238 Exp #=99539
	N16W06
AR5786	N12E64 A Qual=03
U-48	al=02 Tot Cts=12933 de=00 Exp #=99547
	N16E08 AR5783 Qual=02
	il= 2 rereak=16:38 Exp #=99549
	N04W00
	N20W57 AR5769
Cts=6.00E+5 #=99549	Qual=14 Tot

Event # = 1241/ 89/11/08.20:20	, DOY=312		SMM Pointing:	N16W08		Pitch=-204", Yaw	, Yaw=-128", Roll=Odeg	=0deg	H.Ang=14deg
Optical		End times	:	N26W58_	AR5769	Mac.=EAI	Carr.Lon.=8deg	8deg	H.Ang=60deg
GOES HXRBS* 20:20:31 UVSP 19:50	1 20:20:47	7 20:21:31	Peakc/s=46 ⊌avelength=2788A	Qual=05 Qual=03	Tot Cts=294 Exp #=99550	MaxkeV=88 Rast=243"x243"	Flags≖EG Step=3"	Pitch=-203"	', Yaw=-118"
Event # = 12418 89/11/08,22:59	8 00Y=312	+	SMM Pointing:	N16W10		Pitch=-209", Yaw=-159",	159", Roll	, Roll=Odeg	H.Ang=16deg
Start GOES HXRBS* 22:59:2 UVSP 22:51 Radio Freque	Start Feak Enu Lim 22:59:21 22:59:42 22:59:55 22:51 Frequency(MHz)/Flux(sfu)	2 22:59:59 Flux(sfu):	Peakc/s=297 Wavelength=1375A 410/550 606/70	Qual=00 Qual=01	Tot Cts=1269 Exp #=99553	MaxkeV=192 Rast=70"x70"	Step=5"	Pitch=-141", Yaw=-117	', Yaw=-117"
Event # = 12419 89/11/08,23:11	.9 D0Y=312		SMM Pointing:	N16W10		Pitch=-209", Yaw	, Yaw=-159", Roll	, Roll=Odeg	H.Ang=16deg
Start Optical	Peak	End times	HaClass=1N	N17E13	AR5783	Mac.=EKO	Carr.Lon.*296deg	296deg	H.Ang=19deg
GOES HXRBS* 23:11:3 UVSP 22:51 Radio Freque	3:11:35 23:11:42 23:11:5 2:51 Frequency(MHz)/Flux(sfu)	2 23:11:51 Flux(sfu):	Peakc/s=54 Wavelength=1375A 410/190		Tot Cts=133 Exp #=99553	MaxkeV=140 Rast=70"x70"	Step=5"	Pitch=-141",Yaw=-117	", Yaw=-117"
				89/11/09	D0Y=313				
Event # = 23425 89/11/09,00:18 Start Optical	25 3 DOY=313 Peak	End times	HaClass=1F	NISWIO	AR5776	Mac.=DAI	Carr.Lon.=	-318deg	H.Ang=15deg
GOES BCS 00:17	00:18	01:09	CaPeak.c/s=251	Qual=00 Qual= 5	FePeak=00:18	FePeak.c/s=30	#Peaks=1	dt= 3.8s	XEN=931
FCS UVSP 00:22	•		Wavelength≖1375A		Exp #=99554	Rast=240 x240 Rast=70"x70"		cau- 2023 Pitch=-141	", Yaw=-131"
Event # = 12421 89/11/09,00:57	21 7 DOY=313		SMM Pointing:	N16W10		Pitch=-209", Yaw	, Yaw=-159", Rol	, Roll=Odeg	H.Ang=16deg
Start Optical	Peak	End times		N10E53 N12E57	AR5786 AR5786	Mac.=EA0	Carr.Lon.=255deg Carr.Lon.=251deg	=255deg =251deg	H.Ang=53deg H.Ang=57deg
GOES 23:16 HXRBS* 23:17:3 BCS 00:17	00:57 30 23:24:57 00:18	02:03 7 23:32:23 01:09	<pre>Importance=M1 Peakc/s=149 CaPeak.c/s=251</pre>	Qual=03 Qual=01 Qual= 5	Tot Cts=10404 FePeak=00:18	MaxkeV=192 FePeak.c/s=30	#Peaks=1 c+on=15"	dt= 3.8s	XEN=931300 1 024s/nivel
FCS UVSP 00:22			lavelength=137	Code=00	Exp #=99554	Rast=70"x70"		Pitch=-141	", Yaw=-131"
HXRBS* 23:16:09 UVSP 22:51	09 23:16:3	23:16:32 23:17:03	Peakc/s=196 Wavelength=137	Qual=01	Tot Cts=1931 Exp #=99553	MaxkeV=218 Rast=70"x70"	Step=5"	tch=-	", Yaw=-117"
HXRBS* 00:34:27	27 00:34:4	7 00:34:40 00:35:19	Peakc/s=81	ssociated Qual=01	Event # = 12422 Tot Cts=668 Event # = 12423	MaxkeV=88	1 1 1 1	1 1 1 1	1 1 1 8 1 1
HXRBS* 00:43:50	50 00:47:4	0 00:51:58	Peakc/s=54	Qual=01	Tot Cts=2653	MaxkeV=62	Flags=N	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
BCS 23:28	•	23:30	CaPeak.c/s=18	Qual= 4	FePeak=23:28	FePeak.c/s= Rast=240"x2	#Peaks= Step=15	dt= 7.7s Cad= 262s	XEN=9312 1.024s/p
HUSP 22:51			Wavelength=1375A		Exp #=99553	Rast=70"x70"		Pitch=-141	", Yaw=-117"

200	1/4							
89/11/09,03:21	1 DOY=313		SMM Pointing:	N04W01		Pitch=-5", Yaw=-	, Yaw=-9", Roll=10deg	H.Ang*1deg
S 03:1 BS* 03:1 P 03:2	03:21 03:18:4	03:45 4 03:19:3	Importance=C7 Peakc/s=43 Wavelength=1375	Qual=04 Qual=02 Code=02	Tot Cts=304 Exp #=99556	MaxkeV=62 Rast≈265"x265"	Flags=SN Step=5" Pitch=+7",Yaw=+13"	Yaw=+13"
. 82	03:24:3	5 03:24:43	Peakc/s=47	sociated Qual=01	Event # = 12425 Tot Cts=178	 MaxkeV=114	1 1 1 1 1 1 1 1 1 1 1 1	
Event # = 12426 89/11/09,03:36 Start	26 5 DOY=313 Peak	Fnd + imes	SMM Pointing:	N04W01		Pitch=-5",Yaw=-9",	9", Roll=10deg	H.Ang*1deg
, [B]		) = -	HaClass=SF	N17E14	AR5783	Mac.=EKI	Carr.Lon.=293deg	H.Ang=19deg
HXRBS* 03:36:1 UVSP 03:22	:18 03:36:36	6 03:36:54	Peakc/s=52 Wavelength=1375A	Qual=01	Tot Cts=233 Exp #=99556	MaxkeV=62 Rast=265"x265"	Step=5" Pitch=+7",)	, Yaw=+13"
Event # = 12437 89/11/09,03:40 Start	37 ) DOY=313 Peat	Tod +	SMM Pointing:	NO4W01		Pitch=-5", Yaw=-	, Yaw=-9", Roll=10deg	H.Ang=1deg
Optical		,	HaClass=SF	N17E14	AR5783	Mac.=EKI	Carr.Lon.=292deg	H.Ang=19deg
HXRBS* 03:39:52 UVSP 03:22	52 03:40:50	0 03:41:40	Peakc/s=104 Wavelength=1375A	Qual=01	Tot Cts=1656 Exp #=99556	MaxkeV=165 Rast=265"x265"	Step=5" Pitch=+7",)	, Yaw=+13"
Event # = 12438 89/11/09,03:53	18 1 DOY=313 1 Dost	t ball	SMM Pointing:	N04W01		Pitch=-5", Yaw=-	, Yaw=-9", Roll=10deg	H.Ang=1deg
Optical	_		HaClass≖SF	N12W07	AR5781	Mac.=DAI	Carr.Lon.=313deg	H.Ang=11deg
HXRBS* 03:53:3 UVSP 03:22	35 03:53:49	9 03:53:59	Peakc/s=255 Wavelength=1375A	Qual≃00 Qual≈01	Tot Cts=1181 Exp #=99556	MaxkeV=140 Rast=265"x265"	Flags=M5,FS Step=5" Pitch=+7",Y	, Yaw=+13"
Event # = 1242 89/11/09,04:50 Start	7 0 DOY=313 Peak		SMM Pointing:	N16W13		Pitch=-211", Yaw	, Yaw=-210", Roll=0deg	H.Ang=18deg
Optical GAFS		<u>ال</u> ا	HaClass=SF	N20W16	AR5776	Mac.=DAI	Carr.Lon.=322deg	H.Ang=23deg
HXRBS* 04:49:5 UVSP 04:53	4 04:50:1	3 04:50:27	Peakc/s=290 Wavelength=1375A		Tot Cts=1176 Exp #=99557	MaxkeV=114 Rast=265"x265"	Flags=M5,FS Step=5" Pitch=-203"	, Yaw=-198"
Event # = 12428 89/11/09,04:50 Start	8 D0Y=313 Peak	End times	SMM Pointing:	N16W13		Pitch=-211", Yaw	Pitch=-211", Yaw=-210", Roll=Odeg	H.Ang=18deg
GOES HXRBS* 04:50:43 UVSP 04:53	3 04:50:52	04:5	Peakc/s=75 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=361 Exp #=99557	MaxkeV=88 Rast=265"x265"	Flags=M5 Step=5" Pitch=-203", Yaw=-198	, Yaw=-198"
Event # = 12429 89/11/09,05:23 Start	9 D0Y≖313 Peak	End times	SMM Pointing:	N16W13		Pitch=-211", Yaw	, Yaw=-210", Roll=0deg	H.Ang=18deg
Optical 60ES 05:19			HaClass=SF Importance=C5	N12E55 Oual=01	AR5786	Mac.=EAO	Carr.Lon.=251deg	H.Ang=55deg
HXRBS* 05:20:40 UVSP 04:53	0 05:21:37	05:22:55	Peakc/s=417 Wavelength=1375A	0ual=01 Code=00	Tot Cts=6307   Exp #=99557	MaxkeV=165 Rast=265"x265"	Step=5" Pitch=-203",Yaw=-198"	, Yaw=-198"

Event # = 12430 89/11/09.06:25	D0Y=313		SMM Pointing:	N16W14		Pitch=-208", Yaw	, Yaw=-229", Roll	, Roll=Odeg	H.Ang=19deg
Optical Start	Peak	End times	HaClass=SF	N17E12	AR5783	Mac.=EKI	Carr.Lon.=293deg	293deg	H.Ang=18deg
GDES 06:12 HXRBS* 06:19:01 UVSP 06:23		06:25 06:37 06:20:26 06:20:56	.tance=C8 c/s=56 length=1375		Tot Cts=115 Exp #=99559	MaxkeV=62 Rast=265"x265"	ags ep=	1	, Yaw=-211"
HXRBS* 06:30:27 UVSP 06:27	06:30:33 06	3 06:31:04		ssociated Qual=01	Event # = 12431 Tot Cts=119 Exp #=99561	MaxkeV=62 Rast=30"x30"	Step=5"	Pitch=-142"	, Yaw=-223"
Event # = 12432 89/11/09,06:47	D0Y=313	+	SMM Pointing:	N16W14		Pitch=-208", Yaw=-229", Roll=0deg	229", Roll	=0deg	H.Ang=19deg
GOES HXRBS* 06:46:37 UVSP 06:39	7 06:47:00		Peakc/s=52 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=142 Exp #=99563	MaxkeV=62 Rast=30"x30"	Step=5"	Pitch=-142"	', Yaw=-225"
Event # = 12433 89/11/09,06:54	DOY=313	Fnd +imps	SMM Pointing:	N16W14		Pitch=-208", Yaw*-229", Roll=Odeg	*-229", Rol	]=0deg	H.Ang=19deg
GOES HXRBS* 06:53:53 UVSP 06:49		90	Peakc/s=49 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=102 Exp #=99565	MaxkeV=62 Rast=30"x30"	Step=5"	Pitch=-142'	Pitch=-142", Yaw=-227"
Event # = 12434 89/11/09,07:09	1 D0Y=313	t pub	SMM Pointing:	N16W14		Pitch=-208", Yaw	, Yaw=-229", Roll=Odeg	]=0deg	H.Ang=19deg
Start GOES HXRBS* 07:09:09 UVSP 07:01	9 07:09:47	07:(	Peakc/s=42 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=160 Exp #=99567	MaxkeV=62 Rast=30"x30"	Step=5"	Pitch=-142"	", Yaw=-228"
Event # = 12435 89/11/09,08:23	5 D0Y=313		SMM Pointing:	NO3W00		Pitch=-1", Yaw=+	, Yaw=+1", Roll=179deg	9deg	H.Ang=Odeg
Start Optical	Peak			N13E53	AR5786	Mac.=EA0	Carr.Lon.=251deg	=251deg	H.Ang=53deg
GOES 08:19 HXRBS* 08:19:22	08:23 2 08:21:40	08:43 0 08:26:33	Importance=M1 Peakc/s=10830	Qual=01 Qual=01	Tot Cts=1.47E+5	MaxkeV=461	Flags=M5,	, FS	Dur=60sec
GRS 08:21:0 BCS 08:31	0 08:32	08:22:00 08:38	CaPeak.c/s=23	Qual= 4	FePeak=08:32	FePeak.c/s=7 Rast=240"x240"	#Peaks=1 Step=15"		XEN=931302 1.024s/pixel
FCS UVSP 08:36 Radio Freque	ncy(MHz)/	08:36 Frequency(MHz)/Flux(sfu):	Wavelength=2788A 606/78 1415/61 2	695/150	Exp #=99568 4995/220 8800/180	Rast=180"x1" 15400/410		_	Yaw=+0"
Event # = 12444 89/11/09,09:00	4 D0Y=313		SMM Pointing:	N03W00		Pitch=-1",Yaw=+1"	+1", Roll=179deg	6ap6,	H.Ang=Odeg
Start Optical	Peak	End times	Ha.	N17E08	AR5783	Mac.=EKI	Carr.Lon.=296deg	=296deg	H.Ang≈16deg
GOES 08:54 ( HXRBS* 09:30:18 ( UVSP 08:36	09:00 8 09:30:57 (	09:35 57 09:31:45	<pre>importance=m2 Peakc/s=132 Wavelength=2788A</pre>	Qual=03 Qual=01 A Code=01	Tot Cts=3184 Exp #=99568	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=-3",	, Yaw=+0"

Event # = 12445 89/11/09,09:36 D0Y=313	SMM Pointing:	N03W00		Pitch=-1". Yaw=+1" Roll=170den	Roll=179den	u Andan
Start Peak End times Optical Optical	На На	N15E52 N13W08	AR5786 AR5781	Mac.=EAO (	Carr.Lon.=251deg Carr.Lon.=311deg	H. Ang=52deg
UVSP 09:32:28 09:36:24 09:48:01 UVSP 08:36 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=1972 Wavelength=2788A 245/180 606/71 26	Qual=01 Qual=11 695/27 499	Qual=01 Qual=11 Tot Cts=72246 A Exp #=99568 2695/27 4995/110 8800/95 1	MaxkeV=461 F Rast=180"x1" S 15400/50	Flags=DG Step=0" Pitch=-3", Yaw=+0"	Yaw=+0"
Event # = 12436 89/11/09,10:03 DOY=313 Start Peak End times	SMM Pointing:	N03W00		Pitch=-1", Yaw=+1", Roll=179deg	, Roll=179deg	H.Ang=Odeg
GUES HXRBS* 10:02:09 10:03:02 10:03:15 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	Peakc/s=74 III/2 245/220	Qual=00 Qual=01	Tot Cts=699	MaxkeV=114		
Event # = 12443 89/11/09,12:40 DOY=313 Start Peak End times	SMM Pointing:	N16W17		Pitch=-210", Yaw=-278", Roll=Odeg	278", Roll=0deg	H.Ang=21deg
2:40	HaClass=2F Importance=M1	N17₩90 Oual=04	AR5770	Mac.=ESO C	Carr.Lon.≖32deg	H.Ang=89deg
HXRBS* 12:27:19 12:38:02 12:38:20 UVSP 13:07	Peakc/s=161 Wavelength=2788A	Qual=13	Tot Cts=13589 Exp #=99571	MaxkeV=165 F Rast=180"x1" S	Flags=ES,IS,DG Step=0" Pitch=-78",	, Yaw=-97"
Event # = 12439 89/11/09,13:07 DOY=313 Start Peak End times	SMM Pointing:	N16W17		Pitch=-210", Yaw=-278", Roll=Odeg	278", Roll=Odeg	H.Ang=21deg
GOES HXRBS* 13:07:44 13:07:50 13:08:10 UVSP 13:07 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=49 Wavelength=2788A 606/1	Qual=00 Qual=01	Tot Cts=167 Exp #=99571	MaxkeV=62 Rast=180"x1" S	Step=0" Pitch=-78",Yaw=-97"	, Yaw=-97"
Event # = 12440 89/11/09,13:11 DOY=313 Start Peak End times	SMM Pointing:	N16W17		Pitch=-210", Yaw=-278", Roll=Odeg	278", Roll=Odeg	H.Ang=21deg
uves WXBS* 13:09:45 13:11:50 13:12:58 UVSP 13:07 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=80 Wavelength=2788A 245/710	Qua]=00 Qua]=01	Tot Cts=1671 Exp #=99571	MaxkeV=88 Rast=180"x1" St	Step=0" Pitch=-78",Yaw=-97"	Үам=-97"
Event # = 12441 89/11/09,14:00 DOY=313 Start Peak End times	SMM Pointing:	N15W18		Pitch=-205", Yaw=-295", Roll=Odeg	.95", Roll=Odeg	H.Ang=22deg
GOES HXRBS* 13:59:43 14:00:22 14:01:09 UVSP 13:43	Peakc/s=63 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=621 Exp #=99572	MaxkeV=88 Rast=180"x1" St	Step=0" Pitch=-78",Yaw=-357"	Yaw=-357"

Event # = 12442 89/11/09,14:06	1:06 D	D0Y=313		SMM Pointing:	N15W18		Pitch=-205", Yaw	, Yaw=-295", Rol	, Roll=Odeg	H.Ang=22deg	1
Optical		ed K	70 CIMES		N18E05	AR5783	Mac.=EKI	Carr.Lon.=296deg	=296deg	H.Ang=15deg	
HXRBS* 14:0 BCS 13:55	33:26	4:04:08 4:01	14:11 14:05:56 14:37	Importance-mi Peakc/s=114 CaPeak.c/s=46	Qual=02 Qual=01 Qual= 2	Tot Cts=4547 FePeak=13:56	MaxkeV=88 FePeak.c/s=10	#Peaks=1	dt= 3.85	XEN=931303	
UVSP 13:4:	£1			Wavelength=2788A	Code=01	Exp #=99572	Rast=180"x1"		cau- 2023 Pitch78"	1.0245/pixel	
Event # = 12449 89/11/09,15:58	12449 5:58 D	D0Y=313		SMM Pointing:	N16W19		Pitch=-213", Yaw	, Yaw=-307", Roll=0deg	]=0deg	H.Ang=23deg	
	، ب	בי פשר ני	End times	.Class=SN	N18E07	AR5783	Mac.=EKI	Carr.Lon.=293deg	=293deg	H.Ang≈16deg	
GOES 15:3 HXRBS* 15:5 UVSP 16:0 Radio Fre	15:53 15 15:53:40 15 16:08 Frequency(	5:58 5:54:15 (MHz)/F	5:58	88 8	Qual=02 Qual=12	Tot Cts=50796 Exp #=99575	MaxkeV=114 Rast=180"x1"	Flags=M5, Step=0"	Flags=M5, SA, IS Step=0" Pitch=-78"	, Yaw=-378"	
Event # = 12446 89/11/09,17:15	12446 7:15 D	D0Y=313		SMM Pointing:	N10E44		Pitch=-127", Yaw	, Yaw=+664", Rol	, Roll=Odeg	H.Ang=44deg	
Optical	. د	י בפע י בפע	בווח רווובי	HaClass=SF	N18E03	AR5783	Mac.≃EKI	Carr.Lon.=296deg	=296deg	H.Ang=15deg	
GOES 16:59 HXRBS* 17:00 BCS 17:13	:30	17:15 17:02:36 17:14	17:21 17:03:14 17:44	Importance=C8 Peakc/s=155 CaPeak.c/s=94	Qual=01 Qual=01 Qual= 1	Tot Cts=9101 FePeak=17:14	MaxkeV=88 FePeak.c/s=23 Dast=240"<240"	#Peaks=1 C+on=15"	dt= 3.8s Cad= 262c	XEN=931304	
UVSP 17:38	88			Wavelength=2788	Po + 6 : 00 3			Step=0"	Pitch=+7",	Yaw=+588"	1
HXRBS* 17:13:14 Radio Sweeps	13:14 1 35	17:13:42 17:14 Type/Intensi	:34 ty:	Peakc/s=207 III/1	Qual=01	Tot Cts=2114	MaxkeV=165	Flags=FS			)
Event # = 12448 89/11/09,17:45	12448 7:45 D	D0Y=313	End +	SMM Pointing:	N10E44		Pitch=-127", Yaw	, Yaw=+664", Rol	, Roll=Odeg	H.Ang*44deg	
Optical		7.45		.Class=1N	N18E03	AR5783	Mac.=EKI	Carr.Lon.=296deg	=296deg	H.Ang≐15deg	
HXRBS* 17:42 UVSP 17:38	. 29	7:42:45	17:44:25	Peakc/s=137 Wavelength=2788A		Tot Cts=1922 Exp #=99577	MaxkeV=114 Rast=180"x1"	Step=0"	Pitch=+7",	, Үаw=+588"	
Event # = ] 89/11/09,18 Star	= 12450 ),18:40 D	D0Y=313	Fnd times	SMM Pointing:	NO3WOO		Pitch=+0", Yaw=+0"	0", Roll=12deg	deg	H.Ang=Odeg	1
	1:40:14 1 1:14 requency	:40:14 18:40:25 18: :14 requency(MHz)/Flux(	40:3 sfu)	Peakc/s=60 Wavelength=2788A 245/52	Qual=00 Qual=01	Tot Cts=182 Exp #=99578	MaxkeV=88 Rast=180"x1"	Step≈0"	Pitch=+134"	", Yaw=-70"	
Event # = 3 89/11/09,19	= 12451 1,19:05 D	DOY=313	End +	SMM Pointing:	NO3WOO		Pitch=+0", Yaw=+	, Yaw=+0", Roll=12deg	deg	H.Ang=Odeg	1
		המא היס	10.00	.Class=1N	N13E46	AR5786	Mac.≖EA0	Carr.Lon.=252deg	=252deg	Ĥ.Ang=46deg	
HXRBS* 18:0 UVSP 18:1 Radio Fre	47:52 1 14 equency	8:52:35 (MHz)/F	* 18:47:52 18:52:35 19:11:01 18:14 Frequency (MHz)/Flux(sfu):	3 888 80 2	Qual=11	Tot Cts=4041 Exp #=99578 995/55 8800/52	MaxkeV=165 Rast=180"x1"	Flags=IS, Step=0"	Flags=1S,DG Step=0" Pitch=+134"	", Үам=-70"	
											1

Event #89/11/09	Event # = 12452 89/11/09,19:39	DOY=313		SMM Pointing:	NO3WOO		Pitch=+0", Yaw=+	, Yaw=+0", Roll=0deg	Di Di	H.Ang=Odeg
Optical Optical Optical	Start	rea ea	End times	HaClass=1N HaClass=1N HaClass=SN	N17W23 N17W00 N18E05	AR5776 AR5783 AR5783	Mac.≖DAI	Carr.Lon.=321deg Carr.Lon.=298deg Carr.Lon.=293deg	.321deg .298deg .293deg	H.Ang=26deg H.Ang=14deg H.Ang=15deg
GOES HXRBS* BCS	19:24 19:53:43 20:03	19:39 19:56:25 20:11	20:03 : 20:11:17 : 20:48	oortance=M5 1kc/s=80 9eak.c/s=115	Qual=05 Qual=02 Qual= 1	Tot Cts=14405 FePeak=20:10	MaxkeV=140 FePeak.c/s=16	Flags=SN #Peaks=1	= 7.75	XEN=931305
HCS UVSP Radio	19:59 Frequen	9:59 Frequency(MHz)/Flux(sfu)	:lux(sfu):	Wavelength=2788A 245/1400 410/130	606/82	Exp #=99579 1415/120 2695/250	Rast=240 X240 St Rast=243"x243" St 4995/300 8800/180	Step=15 Step=3" 80 15400/19	u= 2023 tch=+7"	1.0245/pixei Yaw=+13"
Event # 89/11/0	Event # = 12453 89/11/09,20:15 Start	D0Y=313 Peak	End times	SMM Pointing:	NO3MOO		Pitch=+0", Yaw=+0"	0", Roll=0deg	Ď,	H.Ang=Odeg
GOES HXRBS* UVSP	20:15:09 19:59	20:15:19	20:15:25	Peakc/s=88 Wavelength=2788A	Qua]≖00 Qua]=01	Tot Cts=286 Exp #=99579	MaxkeV=114 Rast=243"x243"	Step=3"	Pitch=+7",	, Yaw=+13"
Event # 89/11/0	Event # = 12454 89/11/09,20:17 Start	DOY=313 Peak	End times	SMM Pointing:	NO3WOO		Pitch=+0", Yaw=+0"	0", Roll=0deg	Ďį.	H. Ang=Odeg
GOES HXRBS* UVSP Radio	20:17:43 (19:59) Frequency	0:17:43 20:17:59 20:18:1 9:59 Frequency (MHz)/Flux(sfu)	m	Peakc/s=49 Wavelength=2788A 245/82	Qua]=00 Qua]=01	Tot Cts=186 Exp #=99579	MaxkeV=88 Rast=243"x243"	Step=3"	Pitch=+7",Yaw=+1	Yaw=+13"
Event # 89/11/0	t # = 12455 1/09,21:42	D0Y=313		SMM Pointing:	NO3WOO		Pitch=+0", Yaw=+0"	-0", Roll=Odeg	- De	H. Ang=Odeg
Optical	Start	reak	end times		N21W26	AR5776	Mac.=DAI	Carr.Lon.=323deg	-323deg	H.Ang≖31deg
HXRBS*	21:34:44 21:42	21:37:06 21:43 21:43	5 21:43:37 21:49	importance=mi Peakc/s=199 CaPeak.c/s=51	Qual=01 Qual= 4	Tot Cts=16461 FePeak=21:42	MaxkeV=165 FePeak.c/s=14	#Peaks=1	dt= 3.8s	XEN=931306
UVSP ,	21:29 weeps Frequen	21:29 Sweeps Type/Intensity Frequency(MHz)/Flux(sfu)	intensity: -lux(sfu):	Wavelength=1375A III/2 1415/68 2695/89 4	Code=00 4995/30	Exp #=99580	Rast=240 x240 Rast=265"x265"	Step=13		1.0243/ place
Event # 89/11/0	Event # = 12456 89/11/09,21:46	D0Y=313	I .	SMM Pointing:	NO3WOO		Pitch=+0", Yaw=+0"	-0", Roll=0deg	56	H. Ang=Odeg
Optical	Start			HaClass=SN	N18E04	AR5783	Mac.≖EKI	Carr.Lon.=293deg	=293deg	H.Ang=15deg
HXRBS*	21:44:58 21:29	21:46:31	1 21:47:50	Peakc/s=145 Wavelength=1375A	Qual=01	Tot Cts=2975 Exp #=99580	MaxkeV=140 Rast=265"x265"	Step=5"	Pitch=+7",	Yaw=+13"
Event # 89/11/0	vent # = 12457 9/11/09,21:50 Start	D0Y=313 Peak	End times	SMM Pointing:	N03400		Pitch=+0", Yaw=+0"	-0", Roll=Odeg	- Bi	H. Ang=Odeg
GOES HXRBS* UVSP Radio	21:49:49 21:29 Frequenc	O.	21:52:58  -  -	Peakc/s=59 Wavelength=1375A 245/1200	Qual=00 Qual=01	Tot Cts=1234 Exp #=99580	MaxkeV=114 Rast=265"x265"	Step=5"	Pitch=+7",	,Yaw=+13"

End times HaClas
SMM Pointing: NO9E01
Qual=00 :25:37 Peakc/s=49 Qual=01 Wavelength=1375A
1
23:53 Importance=M1 Qual=01 23:36:31 Peakc/s=174 Qual=01 23:48 CaPeak.c/s=329 Qual= 1
Wavelength=1375A Code=00
SMM Pointing: N30E01
.47:50 Peakc/s=43 Qual=00 Wavelength=1375A
89/11/10
SMM Pointing: NO8WOO
00:31:44 Peakc/s=61 Qual=01 Wavelength=1375A
End times
4 CaPeak.c/s=21 Qual= 4 Wavelength=1375A
times
00:38
-

Event # 89/11/1	Event # = 23431 89/11/10,00:40	D0Y=314								
GOFS	Start	Peak	End times		0					
SSS S	00:40	00:40	00:46	CaPeak.c/s=23	Qual=00 Qual= 4	FePeak=00:41	FePeak.c/s=9			XEN=931402
	00:30			Wavelength=1375A	_	Exp #=99584	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s 1 Pitch=-126",	1.024s/pixel 5", Yaw=+21"
Event # 89/11/1	Event # = 12462 89/11/10,00:50 Start	DOY=314 Peak	Fnd times	SMM Pointing:	N30W00		Pitch=-441",Yaw	, Yaw=+0", Roll=0deg	=0deg	H.Ang=27deg
Optical SOFS		<b>.</b>		HaClass=SF	N14E46	AR5786	Mac.=FA0	Carr.Lon.=249deg	.=249deg	H.Ang=47deg
TXBS* JVSP Radio	00:49:34 00:30 Frequen	. 00:50:34 cy(MHz)/F	HXRBS* 00:49:34 00:50:34 00:51:29 UVSP 00:30 Radio Frequency(MHz)/Flux(sfu):	Peakc/s=850 Qual=C Wavelength=1375A 606/84 1415/36 2695/67	Qual=01 Qual=01 (695/67 499	-00 =01 Tot Cts=12212 Exp #=99584 7 4995/41 8800/32 15	2 MaxkeV=218 Rast=70"x70" 15400/57	Step=5"	Pitch=-126"	5", Yaw=+21"
Sy/11/1 Dotical	Event # = 23432 89/11/10,01:00 Start Optical	D0Y=314 Peak	End times	H Social	N17U01	ADE 702	1	-		
OES	0	6		5-05-0-0	Qual=00	AK3/03	MAC. = F.K.I	carr.Lon.≈Zy6deg	.=Zybdeg	H.Ang=14deg
รรร	ec:00	01:00	01:06	CaPeak.c/s=31		FePeak=01:00	FePeak.c/s=8 Rast=240"x240"	#Peaks=2 Sten=15"	dt= 0.5s X	XEN=931403
<b>Y</b> S	00:30			Wavelength=1375A		Exp #=99584	Rast=70"x70"			", Yaw=+21"
Event # 89/11/1( Optical	Event # = 23433 89/11/10,01:08 Start Optical	DOY=314 Peak	End times	HaClass=SF	N17W01	AR5783	Mac,=EKI	Carr. Lon. =296dea	=296dea	H. Ander 14den
BCS FCS	01:08	01:08	01:10	CaPeak.c/s=20	Qua]=00 Qual= 4	FePeak=01:08	FePeak.c/s=5	#Peaks=1	dt= 0.5s	XEN=931404
NSP (	00:30			Wavelength=1375A		Exp #=99584	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s 1 Pitch=-126",	1.024s/pixel ", Yaw=+21"
vent # 9/11/1( ptical	Event # = 23434 89/11/10,01:12 Start Optical	D0Y=314 Peak	End times	HaClass=SF	NIZWOI	AR5783	Mac.=FKI	Carr. Lon.=296deg	=296deg	H.Ang=14deg
รูช	01:12	01:12	01:14	CaPeak.c/s=21	(ual=00 (ual= 4	FePeak=01:12	FePeak.c/s=6		dt= 0.5s	XEN=931405
VSP	00:30			Wavelength=1375A		Exp #=99584	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s 1 Pitch=-126",	1.024s/pixel ",Yaw=+21"
	Event # = 23435 89/11/10,01:16 Start Optical	D0Y=314 Peak	End times	HaClass=SF	NIZWOI	AR5783	Mac.=FKI	Carr. Lon.=296deg	=296deg	H.Ang=14deg
SSS	01:15	01:16	01:17	CaPeak.c/s=19	Qua!=00 Qua]= 4	FePeak=01:16			dt= 0.5s	XEN=931406
VSP	00:30		-	Wavelength=1375A	•	Exp #=99584	Kast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s 1 Pitch=-126",	1.024s/pixel ",Yaw=+21"

Start   Peak   End times   Fig.   Facek. C  528-11   Facek. C  528-1	Event # = 12463 89/11/10,01:55	D0Y=314		SMM Pointing:	N08W00		Pitch=-81", Yaw=-1"	-1", Roll=0deg	leg	H.Ang=5deg
01:55: 6 01:56: 17 02:30	Start Optical		mes	HaClass=1N	N18W01	AR5783	Mac.=FKI	Carr.Lon.≖	-295deg	H.Ang≕15deg
Pitch=262, Yaw=16", Step=5:	01:43 01:55:5 01:57	01:55 01:56 01:58	02:36 02:04:00 02:30	<pre>Importance=M4 Peakc/s=131 CaPeak.c/s=2022</pre>	Qual=05 Qual=02 Qual= 5		MaxkeV=114 FePeak.c/s=458			XEN=931407
12464   10   124	05			_		#=99585	Kast=240"x240" Rast=70"x70"		-	1.0245/pixel
13.246	vent   9/11/	D0Y=31	7	Pointing	N19W01		Pitch=-262", Yaw	=-16", Roll=	=0deg	H.Ang=16deg
02:16:19 02:16:56 02:19:49 Peakc/s-694 Qual-01 Tot Cts=12836 Rast=70"X70" Step=5" Havebreeps Hav	Start Optical	rea S	5	:	N10E41	AR5786	Mac.=FA0	Carr.Lon.	=253deg	H.Ang≈41deg
Type/Intensity:	02:16:1 02:01	02:16	02:19:4	/s=694 th=1375	Qual=00 Qual=01	Cts=1283 #=99585	MaxkeV=245 Rast=70"x70"	Step=5"	Pitch=-156",Yaw=+5	", Yaw=+5"
12465   200   201   20	Radio Sweeps Radio Frequen	Type/ cy (MHz)/i	Ēţ.	1415/32						
02:30:18 02:30:23 02:30:32 CaPeak.c/s=95 Qual=0	Event # = 12465 89/11/10,02:30 Start	DOY=31 Peak	End times	Pointing	N19W01		Pitch=-262", Yaw	=-16", Roll=	=0deg	H.Ang=16deg
02:01    Mayelength=1375A   Exp #=99585   Rast=70"x70"   Step=5"	GOES HXRBS* 02:30:18 BCS 02:30	02:30:2 02:30	3 02:	: 7	Qual=00 Qual=01 Qual= 5		MaxkeV=165 FePeak.c/s=7	#Peaks=1 c+on=16=		XEN=931408
= 12466 0,02:37 0	05			e e		#=99585	Rast=240 x240 Rast=70"x70"	Step=19 Step=5"		1.0245/pixe! ", Yaw=+5"
02:37:02 02:37:53 02:38:50 Peakc/s=167 Qual=01 Tot Cts=2761 Rast=70"x70" Step=5"  = 12467 0,03:42 D0Y=314 SMM Pointing: N19W02 Start Peak End times HaClass=1F N18W03 AR5783 MaxkeV=165 Flags=M5 03:342 03:54 CaPeak.c/s=775 Qual=01 FePeak=03:41 FePeak=03:42 FePeak=03:42 03:54 CaPeak.c/s=775 Qual=01 FePeak=03:34 FePeak=165 Flags=M5 03:42 03:54 CaPeak.c/s=775 Qual=01 FePeak=03:34 FePeak=165 Flags=M5 03:34 CaPeak.c/s=775 Qual= 1 FePeak=03:34 FePeak=165 Flags=M5 03:34 CaPeak.c/s=775 Qual= 1 FePeak=03:34 FePeak=165 FePeak=165 Step=15" Step=15" Step=15" Step=15" Step=15" Step=15" Start Peak End times SMM Pointing: N19W03 Pitch=-261", Yaw=-42", Roll-17 Start Peak End times Qual=00 Fexp #=99587 Rast=180"x180" Step=5" Start Peak End times Qual=01 Tot Cts=298 MaxkeV=88 Max	1246 0,02:37 Start	D0Y=31 Peak	time		N19W01		Pitch=-262", Yaw	=-16", Roll:	=0deg	H.Ang=16deg
= 12467 Start Peak End times Start Peak End times Start Peak End times Start Peak End times  N19402 Start Peak End times  HaClass=1F N18403 AR5783 Mac.=FKI Carr.Lon.:  O3:38	02:37 02:01	02:37:5	3 02:3	Peakc/s=167 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=2761 Exp #=99585	MaxkeV=192 Rast=70"x70"	Step=5"	Pitch≖-156"	", Yaw=+5"
Juart Feak End Chines  13.18	Event # = 12467 89/11/10,03:42	D0Y=31	4		N19W02		=	=-29", Roll:	=0deg	H.Ang=16deg
103:30 03:42 03:34 Peak.c/s=75 Qual=01 Tot Cts=26893 MaxkeV=165 Flags=M5	Optical		בוות רוווב	Class=1	N18W03	AR5783	Mac.=FKI	Carr.Lon.	=296deg	H.Ang=15deg
03:31 Wavelength=1375A Code=00 Exp #=99586 Rast=70"x70" Step=5" 03:54 03:54 03:58 CaPeak.c/s=31 Qual= 5 FePeak=03:54 FePeak.c/s=10 #Peaks=1 03:54 03:54 03:58 CaPeak.c/s=31 Qual= 5 FePeak=03:54 FePeak.c/s=10 #Peaks=1 0.05:04 DOY=314 SMM Pointing: N19W03 Pitch=-261", Yaw=-42", Roll: Start Peak End times Qual=00 Tot Cts=298 MaxkeV=88 Gast=70"x70" Step=5" 05:03:40 05:04:02 05:04:41 Peakc/s=56 Qual=01 Tot Cts=298 MaxkeV=88 Gast=70"x70" Step=5"	03:39	500	03:4	<pre>Importance=H1 Peakc/s=509 CaPeak.c/s=775</pre>	Qual=01 Qual=01 Qual= 1	Tot Cts=26893 FePeak=03:41	MaxkeV=165 FePeak.c/s=254	Flags=M5 #Peaks=1 c+on=1F"	dt= 3.8s	XEN=931409
03:54 03:58 CaPeak.c/s=31 Qual= 5 FePeak=03:54 FePeak.c/s=10 #Peaks=1	03:3			avelength=137			Rast=70"x70"	Step=5"	pitch=-156	", Yawa-9"
# = 12468 10,05:04 D0Y=314 SMM Pointing: N19W03 Pitch=-261",Yaw=-42",Roll= Start Peak End times Qual=00 Qual=00 Tot Cts=298 MaxkeV=88 05:03:40 05:04:02 05:04:41 Peakc/s=56 Qual=01 Tot Cts=298 MaxkeV=88 05:03	03:54	. 8	3:5	aPeak.c/s=31			FePeak.c/s=10 Rast=180"x180"	#Peaks=1 Step=10"	. 7.7s  = 332s	XEN=931410 1.024s/pixel
oual=00 • 05:03:40 05:04:02 05:04:41 Peakc/s=56 Qual=01 Tot Cts=298 MaxkeV=88 • 05:03:40 05:04:02 05:04:41 Peakc/s=56 Qual=01 Exp #=99587 Rast=70"x70" Step=5"	Event # = 12468 89/11/10,05:04	D0Y=31	3	1	N19W03		Pitch=-261", Yaw	=-42", Roll:	=0deg	H.Ang=16deg
	GOES HXRBS* 05:03:4C UVSP 05:03	05:04	05:0	Peakc/s=56 Wavelength=1375A		Tot Cts=298 Exp #=99587	MaxkeV=88 Rast=70"x70"	Step=5"	Pitch=-156"	", Ұам=-22"

	05:15	End times 05:28	CaPeak.c/s=52	Qual=00 Qual= 1	FePeak=05:15	FePeak.c/s=12	#Peaks=1	dt* 3.8s X	XEN=931411
UVŠP 05:03			Wavelength=1375A		Exp #=99587	Rast=70"x70"			1.0245/pixel ", Yaw=-22"
Event # = 12469 89/11/10,05:31 Start	DOY=314 Peak	End times	SMM Pointing:	N19W03		Pitch=-261",Yaw≖-46",Roll=0deg	r=-46", Roll	=0deg	H.Ang=16deg
GOES HXRBS* 05:31:38 UVSP 05:03	05:31:46	05:31:59	Peakc/s=75 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=224 Exp #=99587	MaxkeV=88 Rast=70"x70"	Step=5"	Pitch=-156"	", Yaw=-22"
Event # = 23438 89/11/10,05:43 Start Optical	DOY=314 Peak	End times	HaClass=SF	N18W04	AR5783	Mac.=FKI	Carr. Lon. =296deg	=296deg	H.Ang=15deg
BCS 05:40	05:43	05:45	CaPeak.c/s=33	Qual=00 Qual= 1	FePeak=05:42	FePeak.c/s=8			XEN=931412
ip 05:03			Wavelength=1375A		Exp #=99587	Rast=240"x240" Rast=70"x70"	Step=15" Step=5"	Cad= 262s	1.024s/pixel ",Yaw=-22"
Event # = 23439 89/11/10,05:48 Start Optical	D0Y=314 Peak	End times	HaClass=SF	N18W04	AR5783	Mac.=FKI	Carr.Lon.=296deg	=296deg	H.Ang=15deg
BCS 05:47	05:48	05:50	CaPeak.c/s=49	Qual= 1	FePeak=05:48	FePeak.c/s=10	#Peaks=1		XEN=931413
P 05:03			Wavelength=1375A		Exp #=99587	Kast=240"X240" Rast=70"X70"	Step=15" Step=5"	cad= 262s Pitch=-156	1.024s/plxel ",Yaw=-22"
Event # = 12470 89/11/10,06:20 Start	DOY=314 Peak	End times	SMM Pointing:	N19W04		Pitch=-261", Yaw	, Yaw=-57", Roll	, Roll=Odeg	H. Ang=16deg
ical S 06:02	06:20	06:50		N18¥01 0ual=05	AR5783	Mac.=FKI	Carr.Lon.=293deg	=293d <b>e</b> g	H.Ang≖15deg
HXRBS* 06:32:47 BCS 06:29	06:37:47 06:29	06:38:42 07:21	Peakc/s=81 CaPeak.c/s=67	Qual=11 Qual= 5	Tot Cts=1825 FePeak=06:46	MaxkeV=140 FePeak.c/s=8	Flags=DG #Peaks=2	dt= 3.8s	XEN=931414
P 06:33			Wavelength≖1375A		Exp #=99588	Kast=240"x240" Rast=70"x70"	Step=15" Step=5"	cad= 2628 Pitch=-156	1.024s/p1xel ",Yaw=-35"
Event # = 12478 89/11/10,08:13 Start	DOY=314	Fnd + imp	SMM Pointing:	NO3WOO		Pitch=-6", Yaw=+	, Yaw=+7", Roll=177deg	7deg	H.Ang=ldeg
	. cur	06.80	HaClass=SF	N17W05	AR5783	Mac.=FKI	Carr.Lon.=296deg	=296deg	H.Ang=14deg
HXRBS* 08:10:12 0 UVSP 08:44	8:10:52	08:12:30	Peakc/s=83 Wavelength=2788A	Qual=11 Qual=11	Tot Cts=2040 Exp #=99589	MaxkeV=114 Rast=180"x1"	Flags=IS Step=0"	Pitch=-3",	, Yaw=+0"

415 pixel	gebeg	gapeg 994eg	1deg 59deg	17deg 17deg 171"	H.Ang=17deg XEN=931416 1.024s/pixel ", Yaw=-171"	17deg 176"
XEN=931415 1.024s/pixel Yaw=+0"	H.Ang=1deg H.Ang=69deg ,Yaw=+0"	H.Ang=1deg H.Ang=69deg ',Yaw=+0"	H.Ang=1deg H.Ang=69deg ,Yaw≖+0"	H.Ang=17deg H.Ang=17deg 7",Yaw=-171"	=	H.Ang=17deg ?", Yaw=-176"
dt= 7.7s Cad= 262s Pitch=-3",	deg ch≂-3"	-3.	-3	,Roll=Odeg Lon.=297deg =SA O" Pitch=-127"	,Roll=Odeg   S=1 dt= 3.8s  10" Cad= 332s  0" Pitch=-127	,Roll=Odeg H.Ang=17de 0" Pitch=-127",Yaw=-176"
#Peaks=1 Step=15" Step=0"	,Yaw=+7",Roll=177deg Carr.Lon.=225deg x1" Step=0" Pitch=	7",Roll=177deg Carr.Lon.=225deg Step=0" Pitch=	+7",Roll=177deg Carr.Lon.=225deg Step=0" Pitch=	,Yaw=-100",Roll=Odeg Carr.Lon.=297deg Flags=SA Step=0" Pitch=	#Peak Step= Step=	, Yaw=-100", Ro " Step=0"
FePeak.c/s=10 Rast=240"x240" Rast=180"x1"	Pitch=-6", Yaw=+ MaxkeV=114 Rast=180"x1"	Pitch=-6", Yaw=+7" C. MaxkeV=88 Rast=180"x1" S	Pitch=-6", Yaw=+7" C: MaxkeV=88 Rast=180"x1" S	Pitch=-260", Ya Mac.=FKI MaxkeV=165 Rast=180"x1"	Pitch=-260", Yaw MaxkeV=140 FePeak.c/s=111 Rast=180"x180" Rast=180"x1"	Pitch=-260", Ye MaxkeV=62 Rast=180"x1"
FePeak=08:27 Exp #=99589	AR5788 Tot Cts=632 Exp #=99589	AR5788 Tot Cts=163 Exp #=99589	AR5788 Tot Cts=224 Exp #=99589	AR5783 Tot Cts=21038 Exp #=99591	Tot Cts=10188 FePeak=11:40 Exp #=99591	Tot Cts=263 Exp #=99592
Qual=00 Qual= 5	NO3W00 S19E66 Qual=00 Qual=01	NO3W00 S19E66 Qual=00 Qual=01	N03W00 S19E66 Qual=00 Qual=01	N19W06 N18W08 Qual=01 Qual=02	N19W06 Qual=00 Qual=1 Qual= 1	N19W06 Qual=00 Qual=01
CaPeak.c/s=24 Wavelength=2788A	SMM Pointing: HaClass=SF Peakc/s=48 Wavelength=2788A	SMM Pointing: HaClass=SF Peakc/s=44 Wavelength=2788A	SMM Pointing: HaClass=SF Peakc/s=56 Wavelength=2788A	SMM Pointing: HaClass=SF Importance=M1 Peakc/s=630 Wavelength=2788A	SMM Pointing: Peakc/s=259 CaPeak.c/s=426 Wavelength=2788A	SMM Pointing: Peakc/s=46 Wavelength=2788A
End times 08:31	End times 08:32:50	End times 08:42:09	End times 08:43:38	End times 11:36 11:32:03	End times 11:40:30 11:52	End times 12:31:55
00Y=314 Peak 08:27	DOY=314 Peak 08:32:12	DOY=314 Peak 08:41:33	DOY=314 Peak 08:43:16	D0Y=314 Peak 11:31 11:27:59	DOY=314 Peak 11:39:06 11:40	D0Y=314 Peak 7 12:31:26
Event # = 23440 89/11/10,08:27 GOES BCS 08:27 FCS 08:44	Event # = 12482 89/11/10,08:32 Start Optical GOES HXRBS* 08:30:10 UVSP 08:44	Event # = 12483 89/11/10,08:41 0ptical GOES HXRBS* 08:41:25 UVSP 08:44	Event # = 12484 89/11/10,08:43 Start Optical GOES HXRBS* 08:43:00 UVSP 08:44	Event # = 12476 89/11/10,11:31 Start Optical GOES 11:27 HXRBS* 11:27:32 UVSP 11:45	Event # = 1247/ 89/11/10,11:40 E GOES HXRBS* 11:36:00 B ECS 11:02 FCS 11:45	t # = 12471 1/10,12:31 Start s sx 12:30:57
Event 89/11 GOES BCS FCS UVSP	Event # 89/11/1 Optical GOES HXRBS* UVSP	Event # 89/11/1 Optical GOES HXRBS* UVSP	Event # 89/11/10 Optical GOES HXRBS* (UVSP	Event #89/11/10 Optical GOES HXRBS* UVSP	Event # 89/11/1 GOES HXRBS* BCS FCS UVSP	Event # 89/11/1 GOES HXRBS* UVSP

Start	DOY=314 Peak	End times	SMM Pointing:	N19W06		Pitch=-260", Yaw=-100"	w=-100",Rol	, Roll=Odeg	H.Ang=17deg
GUES HXRBS* 12:36:35 UVSP 12:21	5 12:36:42	12:36:55	Peakc/s=53 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=136 Exp #=99592	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=-127"	", Yaw=-176"
= 1247 0,13:12 Start	2 DOY=314 Peak	End times	SMM Pointing:	N19W06		Pitch=-260", Ya	, Yaw=-100", Roll=0deg	1=0deg	H.Ang=17deg
GUES HXRBS* 12:34:00 BCS 12:31 FCS	12:34:37	12:35:12 13:23	Peakc/s=83 CaPeak.c/s=300	Qual=00 Qual=01 Qual= 5	Tot Cts=941 FePeak=13:19	MaxkeV=88 FePeak.c/s=30	#Peaks=2	dt= 7.7s	XEN=931417
SP 13:16	:		Wavelength=2788A		Exp #=99593	Rast=240"x240" Rast=180"x1"		Cad= 262s Pitch=-127	1.024s/pixel ",Yaw=-184"
Event # = 12474 89/11/10,13:31 Start	D0Y=314 Peak	End times	SMM Pointing:	N19W07		Pitch=-261", Yan	, Yaw=-111", Rol	, Roll=Odeg	H.Ang=17deg
ical S 12:54	13:31		HaClass=1N Importance=M1	N19W04 Oual=02	AR5783	Mac.=FKI	Carr.Lon.=292deg	=292deg	H.Ang=16deg
₩.	12:55:43	:30	Peakc/s=223 Wavelength=2788	ual=12 ode=01	Tot Cts=34164 Exp #=99593	MaxkeV=114 Rast=180"x1"	Flags=SA, IS Step=0" P	IS Pitch=-127",	", Yaw=-184"
HXRBS* 13:22:15	13:22:23 13:22	:50	Peakc/s=50	oclated  ual=01	<pre>Event # = 124/5 Tot Cts=202</pre>	MaxkeV=62	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	
Event # = 23441 89/11/10,14:02 Start	D0Y=314 Peak	End times							
GOES BCS 14:01 FCS	14:02	14:12	CaPeak.c/s=52	Qua]=05 Qua]= 5	FePeak=14:04	FePeak.c/s=6		dt= 3.8s	XEN=931418
P 13:51			Wavelength=2788A		Exp #=99594	Rast=240"x240" Rast=180"x1"	Step=15" Step=0"	Cad= 262s Pitch=-127"	1.024s/pi ,Yaw=+66"
Event # = 12480 89/11/10,16:17 Start	DOY=314 Peak	Fnd times	SMM Pointing:	N19W09		Pitch=-262",Yaw	, Yaw=-137", Rol	, Roll=Odeg	H.Ang=18deg
GOES 16:12 HXRBS* 16:13:35 UVSP 16:16	16:17 16:14:04	16:23 16:14:35	Importance=C8 Peakc/s=65 Wavelength=2788A	Qual=01 Qual=02 Code=00	Tot Cts=510 Exp #=99597	MaxkeV=62 Rast=180"x1"	Flags=SA Step=0"	Pitch=-127"	', Yaw=+45"
Event # = 12481 89/11/10,17:08 Start	DOY=314 Peak	End times	SMM Pointing:	N19W09		Pitch=-262", Yaw	, Yaw=-137", Rol	, Roll=Odeg	H.Ang=18deg
ical S			HaClass=SF	\$22E69	AR5788		Carr.Lon.	.=217deg	H.Ang=72deg
HXRBS* 17:01:11 BCS 17:07 FCS	17:02:21 17:08	17:08:13 17:13	Peakc/s=63 CaPeak.c/s=30	Qual=02 Qual= 4	Tot Cts=3848 FePeak=17:07	MaxkeV=62 FePeak.c/s=7	Flags=SN #Peaks=1	dt= 7.7s	XEN=931419
P 16:52			Wavelength=2788A		Exp #=99598	Kast=240"x240" Rast=180"x1"	Step=15" Sten=0"	Cad= 262s Pitch=127"	1.024s/pixel "

XEN=931420 1.024s/pixel	H.Ang=19deg XEN=931421 1.024s/pixel ", Yaw=+1"	XEN=931422 1.024s/pixel ', Yaw=+1	H.Ang=19deg H.Ang=32deg ,Yaw=+1"	H.Ang=20deg	H.Ang=21deg H.Ang=28deg ,Yaw=-300"	H.Ang=22deg
dt= 7.7s XEN= Cad= 262s 1.03 Pitch=-129", Yaw	.7s 262s =-129	dt= 7.7s XEN= Cad= 262s 1.02 Pitch=-129",Yaw	-129"	=-257"	g =-250"	=-250"
#Peaks=1 dt: Step=15" Cac Step=0" Pii	,Yaw=-186",Roll=0deg 7 #Peaks=1 dt= 7 40" Step=15" Cad= " Step=0" Pitch	#Peaks=1 dt= Step=15" Cad Step=0" Pit	,Yaw=-186",Roll=Odeg Carr.Lon.=252deg " Step=0" Pitch=	,Yaw=-214",Roll=0deg 65" Step=5" Pitch	237", Roll=Odeg   Carr.Lon.=304deg   Flags=M5, SN   Step=5"   Pitch=-250",	-255",Roll=0d
FePeak.c/s=5 Rast=240"x240" Rast=180"x1"	Pitch=-263", Yaw MaxkeV=62 FePeak.c/s=7 Rast=240"x240" Rast=180"x1"	FePeak.c/s=8 Rast=240"x240" Rast=180"x1"	Pitch=-263", Yaw Mac.=FAO MaxkeV=88 Rast=180"x1"	Pitch=-264", Yaw: MaxkeV=88 Rast=265"x265"	Pitch=-264", Yaw=-237", Roll=Odeg Mac.=FKC Carr.Lon.=304de MaxkeV=140 Flags=M5, SN Rast=70"x70" Step=5" Pitch	Pitch=-261", Yaw=-255", Roll=Odeg MaxkeV=62 Rast=70"x70" Sten=5" Ditch
FePeak=21:36 Exp #=99603	Tot Cts=249 FePeak=21:45 Exp #=99603	FePeak=21:49 Exp #=99603	AR5786 Tot Cts=817 Exp #=99603	DOY=315 Tot Cts=507 Exp #=99607	AR5783 Tot Cts=21499   Exp #=99612	Tot Cts=591 Fxn #=99612
Qual=00 Qual= 5	N19W12 Qual=00 Qual=01 Qual= 4	Qual=00 Qual= 1	N19W12 N14E31 Qual=01 Qual=01	89/11/11 N19W13 Qual=00 Qual=01	N19415 N16425 Qual=04 Qual=02 Code=02 5400/74	N19W16 Qual=00 Qual=01
CaPeak.c/s=22 Wavelength=2788A	SMM Pointing: Peakc/s=63 CaPeak.c/s=21 Wavelength=2788A	CaPeak.c/s=29 Wavelength=2788A	SMM Pointing: HaClass=SF Importance=C4 Peakc/s=80 Wavelength=2788A	SMM Pointing: Peakc/s=68 Wavelength=1375A	SMM Pointing: HaClass=SN Importance=M5 Wavelength=1375A 4995/39 8800/56	SMM Pointing: Peakc/s=58 Wavelength=1375A
End times 21:41	End times 21:44:29 21:46	End times 21:52	End times 22:04 21:59:37	End times 00:54:21	imes :19 :1):	End times 05:27:48
DOY=314 Peak 21:34	DOY=314 Peak 21:44:23 21:45	DOY=314 Peak 21:49	DOY=314 Peak 22:01 21:58:59	DOY=315 Peak 00:53:57	= 12488 ,05:07 DOY=315 tart Peak End tim 4:58 05:07 05:33 5:05:09 05:05:43 05:15:11 Frequency(MHz)/Flux(sfu)	DOY=315 Peak 05:26:44
Event # = 23443 89/11/10,21:34 60ES 8CS 21:34 FCS 21:23	= 12485 0,21:45 Start 21:43:15 21:45	Event # = 23444 89/11/10,21:49 Start GOES BCS 21:47 FCS UVSP 21:23	= 12486 5,22:01 Start 21:57 21:58:41 21:23	Event # = 12487 89/11/11,00:53 Start GOES HXRBS* 00:53:43 UVSP 00:39	Event # = 12488 89/11/11,05:07 DOY=315 Start Peak End to the control optical COES 04:58 05:07 05:33 HXRS \$\text{AKRS} \times 05:05:09 05:05:43 05:15 \text{AKR} \text{Radio} Frquency(MHz)/Flux(sfu	1,05:26 Start 55:26:32 05:26:32
Event 89/11/ 60ES BCS FCS UVSP	Event # 89/11/1 GOES HXRBS* BCS FCS UVSP	Event 89/11/ 60ES BCS FCS UVSP	Event # 89/11/10 Optical GOES HXRBS* EUVSP	Event #89/11/1	Event # 89/11/II Optical GOES HXRBS* (UVSP Radio	Event #89/11/1

Event # = 12490 89/11/11,07:16	D0Y=315	SMM Pointing:	N19W17		Pitch=-265", Yaw	, Yaw=-265", Roll=Odeg	=0deg	H.Ang=23deg
Start Optical	Peak End times	HaClass*SF	N19W14	AR5783	Mac.=FKC	Carr.Lon.=292deg	292deg	H.Ang≖21deg
GDES 07:07 07:16 HXRBS* 07:11:06 07:11:14 UVSP 06:41	07:16 07:36 16 07:11:14 07:13:15	Importance=C/ Peakc/s=80 Wavelength=1375A	Qual=03 Qual=01 Code=00	Tot Cts=1374 Exp #=99613	MaxkeV=114 Rast=70"x70"	Step=5"	Pitch=-250",Yaw=-312"	', Yaw=-312"
Event # = 1249 89/11/11,09:05	00Y=315	SMM Pointing:	N04W17		Pitch=-7", Yaw=-279", Roll=Odeg	-279", Roll=0	deg	H.Ang=17deg
GOES 08:56 ( HXRBS* 08:55:57 (	9:05 09:16 08:58:01 08:59:09	Importance=M1 Peakc/s=274 Wavelength=1375A	Qual=03 Qual=01	Tot Cts=9276 Exp #=99615	MaxkeV=245 Rast=70"x70"	Step=5"	Pitch=+14",Yaw=-49"	, Yaw=-49"
> 3€ <	Type/Intensity: /(MHz)/Flux(sfu):	II/1 III/3 1415/40 2695/110 4995/92	4995/92	8800/38		•		
Event # = 12492 89/11/11,19:00	72 ) DOY=315 DOXE End +image	SMM Pointing:	N03W00		Pitch=+0", Yaw=+0", Roll=7deg	+0", Roll=7de	Đ.	H.Ang=Odeg
GOES HXRBS* 19:00:29 UVSP 18:29	reak 19:00:32	Peakc/s=56 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=195 Exp #=99625	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=+ <u>1</u> 34'	Pitch=+j34",Yaw=+185"
			89/11/12	2 D0Y=316				
Event # = 12493 89/11/12,06:05	D0Y=316	SMM Pointing:	N19W29		Pitch=-270", Yaw=-444", Roll=0deg	w=-444",Rol]	l=0deg	H.Ang=32deg
Start Optical	Peak End times	Ha.	N15W40	AR5783	Mac.=FKI	Carr.Lon.=306deg	*306deg	H.Ang=41deg
GOES 05:56 HXRBS* 05:57:1	06:05 06:26 18 06:00:43 06:05:18	Importance*X2 Peakc/s=9913	Qual=03 Qual=03	Tot Cts=1.26E+6	Cts=1.26E+6 MaxkeV=461	Flags∗EN		Dir=180cec
GRS 05:59:0 UVSP 05:18	06:02:00		Code=00	Exp #=99637	Rast=70"x70"	Step=5"	Pitch=-266	Pitch=-266", Yaw=-484"
Radio Sweeps Radio Freque	<pre>Sweeps Type/Intensity:    Frequency(MHz)/Flux(sfu):</pre>	11/3 111/2 245/17000 410/1100 606/79	62/909 00	1415/150 2695/360 4995/840		8800/1200 15400/1700	0/1700	
Event # = 12494 89/11/12,17:16	34 5 DOY=316 Doat End times	SMM Pointing:	N19W35		Pitch=-274", Yaw=-525", Roll=Odeg	W=-525", Rol	]=0deg	H.Ang=38deg
GOES HXRBS* 17:15:4 UVSP 17:05	17:16:05 17:1	Peakc/s=43 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=839 Exp #=99648	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch*-141	Pitch=-141",Yaw=-347"
Event # = 12495 89/11/12,20:18	95 8 DOY=316 Book End +imes	SMM Pointing:	N19W37		Pitch=-277", Yaw=-548", Roll=Odeg	W=-548", Rol	]=0deg	H.Ang=39deg
Start GOES HXRBS* 20:18:0 UVSP 20:06	Peak End 20:18:19 20:1	Peakc/s=51 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=250 Exp #=99652	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=-142	Pitch=-142",Yaw≖-368"

		89/11/13	D0Y=317				
196 19 D0Y=317	SMM Pointing:	N19441	*	Pitch=-278", Ya	, Yaw=-602", Roll=Odeg	=0deg	H.Ang=43deg
Start	HaClass=SF	N10W59	AR5781	Mac.=EA0	Carr.Lon.=313deg	313deg	H.Ang=59deg
GUES HXRBS* 03:48:58 03:49:06 03:49:32 UVSP 03:54	Peakc/s=72 Wavelength=1375A		Tot Cts=495 Exp #=99661	MaxkeV=88 Rast=70"x70"	Step=5"	Pitch=-289"	, Yaw=-580"
	SMM Pointing:	N19W43		Pitch=-277", Ya	, Yaw=-628", Roll=Odeg	=0deg	H. Ang=45deg
Start Peak End times	HaClass=SF	N17W37	AR5783	Mac.=FKI	Carr.Lon.=288deg	288deg	H.Ang=39deg
GOES 08:43 08:45 08:48 HXRBS* 08:43:05 08:43:18 08:44:03 UVSP 08:24 Type/Intensity:	Importance=L2 Peakc/s=90 Wavelength=1375A ( 245/1000	ual=01  ual=01  ode=00	Tot Cts=582 Exp #=99664	MaxkeV=88 Rast=70"x70"	Step=5"	Pitch=-290", Yaw=-609"	, Үам=-609"
** 08:45:07 08:45:28 08:45:46 Frequency (MHz)/Flux(sfu):	Peakc/s=69 410/230 606/76	ociated Qual=01	Event # = 12498 Tot Cts=515	MaxkeV=88	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Event # = 12499 89/11/13,12:02 DOY=317 ct times	SMM Pointing:	N19W45		Pitch=-283", Ya	, Yaw=-651", Roll=Odeg	=0deg	H.Ang=47deg
12:02:58 12:	Peakc/s=62 Wavelength=2788A	Qual=00 Qual=01 T	Tot Cts=297 Exp #=99666	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=-147",Yaw=-472"	, Yaw=-472"
DOY=317	SMM Pointing:	N19W46		Pitch=-281", Yaw=-662", Roll=Odeg	W=-662", Roll	=0deg	H.Ang=48deg
Start Peak End times GOES 14:17 14:26 14:40 HXRBS* 14:20:34 14:20:56 14:21:37 UVSP 14:11	Importance=C4 Peakc/s=104 Wavelength=2788A	Qual=03 Qual=01 T Code=00 E	Tot Cts=2057 Exp #=99669	MaxkeV=88 Rast=180"x1"	Step=0"	Pitch=-147",Yaw=-485"	',Yaw=-485"
!	SMM Pointing:	N19W54		Pitch=-288", Yaw=-740", Roll=Odeg	aw=-740", Roll	=0deg	H.Ang=55deg
otart Peak En		N19W45	AR5783	Mac.=FKI	Carr.Lon.=289deg	289deg	H.Ang=47deg
GOES 22:05 22:08 22:11 HXRBS* 22:06:21 22:06:44 22:08:17 UVSP 22:39	Importance=U5 Peakc/s=407 Wavelength=2788A	Ųual=03 Ųual=01	Tot Cts=5529 Exp #=99680	MaxkeV=114 Rast=180"x1"	Step=0"	Pitch=-154'	Pitch=-154",Yaw=-558"
		89/11/14	D0Y=318	V = 40 + 50	20 H T 1 - 1 - 2 X	200	20 A D D D D D D D D D D D D D D D D D D
89/11/14,11:2/ UUY=318 Start Peak End times	EEC .	NZ1MOO		1, 4621111	O-1104' (+185	n ch	Spot-Siver
	HaClass=SF	N134/12	AR5786	Mac.=FAI	Carr.Lon.=248deg	248deg	H.Ang=16deg
HXRBS* 11:26:55 11:27:04 11:27:28 UVSP 10:00	Peakc/s=109 Wavelength=1375A	Qual=01	Tot Cts=679 Exp #=99690	MaxkeV=114 Rast=70"x70"	Step=5"	Pitch=+44", Yaw=-49"	, Yaw=-49"

Start 60ES 11:33 HXRBS* 11:34:12 UVSP 10:00 Event # = 12504			SMM Pointing:	DOMATA		Pitch=-291", Yaw=-800", Roll=0deg	W=-800", K011	***	H.Ang=blaed
# = 12504	reak 11:44 11:35:15	End times 11:54 11:35:41	Importance=C8 Peakc/s=57 Wavelength=1375A	Qual=02 Qual=01 Code=00	Tot Cts=1084 Exp #=99690	MaxkeV=88 Rast=70"x70"	Step=5" F	Pitch=+44",Yaw=-49"	, Yaw=-49"
14,11:56 Start	DOY=318	Fod + impo	SMM Pointing:	N19W60		Pitch=-291", Ya	, Yaw=-800", Roll=Odeg	=0deg	H.Ang=61deg
GOES HXRBS* 11:56:03 UVSP 10:00	11:56:24	11:5	Peakc/s=64 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=657 Exp #=99690	MaxkeV=88 Rast=70"x70"	Step=5" F	Pitch=+44",Yaw=-49"	, Yaw=-49"
Event # = 12505 89/11/14,14:36 Start	DOY=318	Fod times	SMM Pointing:	N19W62		Pitch=-290", Yaw=-812", Roll=Odeg	W=-812", Roll=	=0deg	H.Ang=63deg
optical state of the state of t	4.36	14.40	HaClass=SF	N11W19	AR5786	Mac.=FAI	Carr.Lon.=254deg	254deg	H.Ang=21deg
WKRBS* 14:33:31 14:34:14 14:35:5 UVSP 15:11 Radio Frequency(MHz)/Flux(sfu)	[4:34:14 /(MHz)/F	14:35:50   lux(sfu):	8A 72	0ual=01 0ual=01	Tot Cts=7761 Exp #=99695	MaxkeV=140 Rast=180"x1"	Step=0" P	Pitch=-160"	Pitch=-160",Yaw=-633"
Event # = 12506 89/11/14,22:17 [	DOY=318		SMM Pointing:	N19W66		Pitch=-297", Ya	, Yaw=-841", Roll=0deg	=0deg	H.Ang=67deg
21.30	. can	; :	.Class=SN	N18W61	AR5783	Mac.=FKI	Carr.Lon.=291deg	291deg	H.Ang=62deg
HXRBS* 22:09:08 2 UVSP	22:11:32	22:12:41	Importance=mi Peakc/s=77	(ua l =04 (ua l =03	Tot Cts=3020	MaxkeV=62	Flags=EG	Pitch=+187"	', Yaw=-848"
				89/11/15	D0Y=319				
Event # = 12507 89/11/15,01:20 [ Start [	DOY=319	Fnd + imes	SMM Pointing:	N03W00		Pitch=+0",Yaw=-4",Roll=Odeg	-4", Roll=Odeg		H. Ang=Odeg
	01:20	3	HaClass=SF Importance=CS	N19W67	AR5783	Mac.=FKI	Carr.Lon.=296deg	296deg	H.Ang≖67deg
HXRBS* 01:12:07 (UVSP	01:12:46	01:16:21		Qual=01	Tot Cts=6607	MaxkeV=114	Δ.	Pitch=+185",	', Yaw=-698"
Event # = 12508 89/11/15,04:00 [ Start	00Y=319	Fnd +imes	SMM Pointing:	NO3WOO		Pitch=-1", Yaw=-	-3", Roll=10deg	Ďe	H.Ang=Odeg
ptical OFS 03:55 (	04.00	2	HaClass=SF	\$27E29	AR5788	Mac.=FKI	Carr.Lon.=198deg	198deg	H.Ang=41deg
HXRBS* 03:57:24 C	03:57:50	04:00:24	Peakc/s=67 Wavelength=1375A	Qual=02 Code=02	Tot Cts=1467 Exp #=99712	MaxkeV=114 Rast=265"x265"	Flags=SN Step=5" p	Pitch=-293",Yaw=-850"	', Yaw=-850"
Event # = 12509 89/11/15,04:10 D Start F	DOY=319 Peak	Fnd times	SMM Pointing:	N19W70		Pitch=-307", Yaw=-860", Roll=0deg	v=-860", Roll=	£0deg	H.Ang=70deg
	==	12:	Peakc/s=91 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=3757 Exp #=99713	MaxkeV=192 Rast=70"x70"	Step=5" P	Pitch=-286", Yaw=-897"	, Yaw=-897"

89/11/15,05:40	DOY=319	4	SMM Pointing:	N19W70		Pitch=-307", Ya	, Yaw=-860", Roll=0deg		H.Ang=70deg
Start tical	reak S	End times	HaClass=SF	N19W66	AR5783	Mac.=FKI	Carr.Lon.=292deg		H.Ang=66deg
GUES US:11 HXRBS* 05:27:24 UVSP 05:32	05:34:48	05:55:38	1 75A	Qual=04 Qual=11 Code=00	Tot Cts=60213 Exp #=99714	MaxkeV=114 Rast=70"x70"	Flags=IS Step=5" Pitcl	h=-287"	Pitch=-287", Yaw=-901"
Event # = 12511 89/11/15,06:59	D0Y=319	1	SMM Pointing:	N19W71		Pitch=-301", Ya	Pitch=-301", Yaw=-870", Roll=Odeg		H.Ang=71deg
Start Optical		i E		N11W26	AR5786	Mac.=FKI	Carr.Lon.=252deg		H.Ang≈27deg
UVSP 07:03 UVSP 07:03	06:58:01	_	Peakc/s=23000 (Wavelength=1375A (		Tot Cts=5.13E+6 Exp #=99715	MaxkeV=461 Rast=70"x70"	Flags=SN,EN,IS Step=5" Pitch=-287",Yaw=-905"	h=-287"	, Yaw=-905"
io Sweeps Type/Intensity io Frequency(MHz)/Flux(sfu)	Type/ cy (MHz)/!		II/3 III/3 IV/3 V/ 245/1.2E5 410/1.2E5		1415/1200	2695/1900 4995/	2695/1900 4995/1800 8800/2900 15400/3800	5400/38	00
Event # = 12661 89/11/15,10:36	DOY=319	1	SMM Pointing:	NO3W00		Pitch=+4",Yaw≖	Pitch=+4",Yaw≖+2",Roll=169deg	_	H.Ang=Odeg
Optical	T Cak	בוות רושבא	HaClass=SF	N17W65	AR5783	Mac.=FKI	Carr.Lon.=289deg		H.Ang=65deg
HXRBS* 10:36:16 UVSP 10:03	10:36:52	2 10:38:20	Peakc/s=157 Wavelength=1375A	Qua}=03 Qua}=01	Tot Cts=3120 Exp #=99717	MaxkeV=114 Rast=70"x70"	Flags=I Step=5" Pitcl	h=+14",	Pitch=+14", Yaw=-34"
Event # = 12512 89/11/15,16:45	DOY=319	+ +	SMM Pointing:	N13W32		Pitch=-180", Ya	Pitch=-180", Yaw=-508", Roll=Odeg		H.Ang=34deg
otart ical	rea R	בוות רוווני	HaClass=SF	N19W67	AR5783	Mac.=FKI	Carr.Lon.=287deg		H.Ang=67deg
UVSP 16:46:49	16:45:21	1 16:45:27	Peakc/s=46 Wavelength=2788A	Qual=01	Tot Cts=165 Exp #=99724	MaxkeV=62 Rast=180"x1"	Step=0" Pitcl	h=-46",	Pitch=-46",Yaw=-328"
Event # = 12513 89/11/15,19:34 Start	DOY=319 Peak	End times	SMM Pointing:	N13W34		Pitch=-181", Ya	', Yaw=-531", Roll=Odeg		H.Ang=35deg
GOES HXRBS* 19:17:36		19:5	Peakc/s=52700	Qual=00 Qual=13	Tot Cts=7.35E+6 MaxkeV=461	MaxkeV=461	Flags=EN,DG	_	00000
421		19:44:00	Wavelength=2788A		Exp #=99728	Rast=180"x1"	Step=0" Pitcl	Pitch=-47",	., Yaw=-352"
Event # = 12514 89/11/15,19:39	D0Y=319	, pag	SMM Pointing:	N13W35	Seminor Semino	Pitch=-181", Ya	, Yaw=-542", Roll=Odeg		H.Ang=36deg
Optical	10.30	ß	HaClass=2B	N16W27	AR5786	Mac.=FKI	Carr.Lon.=246deg		H.Ang=30deg
MXRBS* 20:32:12 UVSP 19:46 Radio Frequen	20:35:31 cy (MHz) / I	19:17 20:32:12 20:36:36 20:56:32 19:46 Frequency(MHz)/Flux(sfu):	Importance-A2 Peakc/s=79 Wavelength=2788A ( 2695/130	Qual=03 Qual=01 Code=02	Tot Cts=20579 Exp #=99728	MaxkeV=140 Rast=180"x1"	Flags=M5,ND Step=0" Pitcl	h=-47",	D Pitch=-47", Yaw=-352"

15,22:07 DOY=319		SMM Pointing:	N13W36		Pitch=-182", Yaw	, Yaw=-553", Roll=0deg	H.Ang=37deg
	22 :(	Peakc/s≖80 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=585 Exp #=99731	MaxkeV=88 Rast=180"x1"	Step=0" Pitch=-47",Yaw=-367"	, Yaw=-367"
Event # = 12516 89/11/15,22:49 DOY=319	End times	SMM Pointing:	N13W36		Pitch=-182", Yaw	', Yaw=-553", Roll=Odeg	H.Ang=37deg
	22:5	Peakc/s=69 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=247 Exp #=99732	MaxkeV=88 Rast=180"x1"	Step=0" Pitch=-47"	Pitch=-47", Yaw=-374"
= 12662 ,01:30 DOY=320		SMM Pointing:	89/11/16 N12W38	6 DOY=320	Pitch=-182", Yaw	, Yaw=-579", Roll=1deg	H. Ang=39deg
S* 01:27 01:30 01:27 01:37 01:06	01:28:34	Importance=C4 Peakc/s=63 Wavelength=2788A	Qual=01 Qual=01 Code=00	Tot Cts=825 Exp #=99735	MaxkeV=62 Rast=243"x243"	Flags=I,ND Step=3" Pitch=-175"	", Yaw=-563"
= 12663 ,04:23 DOY=320	1	SMM Pointing:	NO3W00		Pitch=+0", Yaw=+0", Roll=Odeg	-0", Roll=Odeg	H. Ang=Odeg
Start Feak End Ulm 04:12 04:23 04:39 04:06 04:06 o Frequency(MHz)/Flux(sfu)	G	Importance=M1	ual=03 ual=11 ode=00	1 Tot Cts=3.46E+5 Exp #=99738 4995/45	MaxkeV=192 Rast=70"x70"	Flags=I,DG,ND Step=5" Pitch=-41",Yaw=+6"	, Үаw=+6"
1/16,04:52 DOY=320	Fnd +image	SMM Pointing:	NO3WOO		Pitch=+0", Yaw=+0", Roll=0deg	-0", Roll=Odeg	H.Ang=0deg
3431	7 04:52:33	Peakc/s=58 Wavelength=1375A	Qual=00 Qual=01	Tot Cts=976 Exp #=99738	MaxkeV=62 Rast=70"x70"	Flags=I,ND Step=5" Pitch=-41"	, Yaw=+6"
Event # = 12517 89/11/16,07:24 DOY=320		SMM Pointing:	N13W41		Pitch=-184", Yav	, Yaw=-617", Roll=0deg	H.Ang=41deg
	End times	Code=EPL	S40E50			Carr.Lon.=162deg	H.Ang=62deg
07:24:17 07:24:29 07:06	9 07:24:40	Peakc/s=43 Wavelength=1375A	Qual=11	Tot Cts=74 Exp #=99741	MaxkeV=62 Rast=70"x70"	Flags=IS Step=5" Pitch=-225	Pitch=-225"; Yaw=-612"
Event # = 12518 89/11/16,09:08 DOY=320	3	SMM Pointing:	N13W42		Pitch=-184", Yav	, Yaw=-628", Roll=0deg	H. Ang-42deg
tart Peak		Code=EPL	S40E50			Carr.Lon.=161deg	H.Ang=62deg
09:08:41 09:08:51 09:08 08:37	1 09:08:57	Peakc/s=60 Wavelength=1375A	Qual=01	Tot Cts=136 Exp #=99742	MaxkeV=62 Rast=70"x70"	Step=5" Pitch=-225",	", Yaw=-622"

89/11/16,10:37	D0Y=320		SMM Pointing:	NO3WOO		Pitch=-2", Yaw=-4", Roll=172deg	-4", Roll=172		H.Ang=Odeg
Start Optical	Peak	End times	HaClass=SF	N14W45	AR5786	Mac.=FKI	Carr.Lon.=255deg		H.Ang=46deg
GOES HXRBS* 10:36:50 UVSP 10:07	10:37:27	7 10:38:04	Peakc/s=51 Wavelength=1375A	Qual=01 Qual=01	Tot Cts=616 Exp #=99743	MaxkeV=62 Rast=70"x70"	Flags=I Step=5"	Pitch=-41",	, Yaw=+6"
Event # = 12519 89/11/16,13:26	D0Y=320	i	SMM Pointing:	N13W44		Pitch=-184", Yaw=-661"	#=-661",Roll	, Roll≖Odeg	H.Ang=45deg
Start Optical	Peak	ind times	HaClass=28	N12W46	AR5786	Mac.=FKI	Carr.Lon.=255deg		H.Ang≖47deg
GOES 13:14 HXRBS* 13:16:54 UVSP 13:47	13:26	Ŋ	Importance=A1 Peakc/s=6119 Wavelength=2788A	Qual=U3 Qual=14	Tot Cts=1.39E+6 Exp #=99745	MaxkeV=354 Rast=180"x1"	Flags=M5,I Step=0"	Flags=M5, I, EN, SA, IS, DG Step=0" Pitch=-52", Y	DG , Yaw=-478"
Radio Sweeps Type/Intensity Radio Frequency(MHz)/Flux(sfu)	Type/.cy (MHz)/i		11/3 1V/2 245/9100 410/660 606/340	606/340	1415/410 2695/460 4995/600 8800/500 15400/370	4995/600 8800,	/500 15400/3	370	
Event # = 12520 89/11/16,20:55	DOY=320		SMM Pointing:	N13W48		Pitch=-186", Yaw=-701", Roll=0deg	w=-701", Roll	]=0deg	H.Ang=48deg
Start GOES HXRBS* 20:55:32 UVSP 21:17			Peakc/s=48 Wavelength=2788A	Qual=00 Qual=01	Tot Cts=161 Exp #=99755	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=-56",Yaw=-525"	, Yaw=-525"
Event # = 12521 89/11/16,22:07	DOY=320		SMM Pointing:	N13W49		Pitch=-190", Yaw=-711", Roll=Odeg	w=-711", Roll	1=0deg	H.Ang=49deg
Start GOES 22:03 HXRBS* 22:08:16 UVSP 21:52	reak 22:07 22:08:3	End times 22:13 F 22:08:41	Importance=C3 Peakc/s=50 Wavelength=2788A	Qual=05 Qual=01 Code=00	Tot Cts=148 Exp #=99756	MaxkeV=62 Rast=180"x1"	Step=0"	Pitch=-56",Yaw=-528	, Yaw=-528"
Event # = 12523 89/11/16,22:41	D0Y=320	1 1 1	SMM Pointing:	N13W49		Pitch=-190", Yaw=-711", Roll=Odeg	W=-711", Roll	1=0deg	H. Ang=49deg
Start 60ES 22:22 2 HXRBS* 22:33:50 2 UVSP 22:47	Peak 22:41 :22:36:4	Peak End times 22:41 22:48 22:36:46 22:43:25	Importance=M1 Peakc/s=1141 Wavelength=2788	Qual=03 Qual=01 Code=02	Tot Cts=44005 Exp #=99757	MaxkeV=165 Rast=180"x1"	£=	Pitch=-56	=
HXRBS* 22:22:20 22:23:06 22:23:47	22:23:0	22:23:06 22:23:47 22:51:41 22:51:45	Peakc/s=137 Peakc/s=56	Associated Qual=01 Associated Qual=01	Event # = 12522 Tot Cts=3316 Event # = 12524 Tot Cts=196	MaxkeV=114	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
Event # = 12525				89/11/17	7 D0Y=321	104. V	2000-1100 "777 =::«V	1-0460	1 And # 554
89/11/17,09:1/ Start Optical	DOY=321 Peak	End times		N13W56	AR5786	Mac.=EKI	Carr.Lon.=254deg	-04eg =254deg	H.Ang=55deg
GOES 09:14 HXRBS* 09:15:25 UVSP 10:07	09:17 09:19 :25 09:16:40 09:18	:12	Importance=C6 Peakc/s=113 Wavelength=1375A	Qual=04 Qual=01	Tot Cts=2661 Exp #=99769	MaxkeV=114 Rast=265"x265"		Pitch=-187", Yaw=-769	", Yaw=-769"

, and a second s	79) -	89/11/18	8 DOY=322		The state of the s	
Event # 1236 89/11/18,01:51 DOY=322 Optical GOES 01:22 01:51 01:57 HXRBS* 01:46:45 01:47:35 01:48:01 Radio Frequency(MHz)/Flux(sfu):	HaClass=SF Importance=C5 Peakc/s=699 4995/47	N12W66 Qual=04 Qual=01	AR5786 Tot Cts=11426	MaxkeV=271	Carr.Lon.=255deg	H.Ang=66deg
Event # = 12665 89/11/18,07:27 DOY=322 Start Peak End times GOES HXRBS* 07:26:53 07:27:14 07:27:43	Peakc/s=49	Qua]=00 Qua]=01	Tot Cts=275	MaxkeV=62	Flags=I	
Event # = 12527 89/11/18,10:50 D0Y=322 Start Peak End times GOES 10:46 10:50 10:54 HXRBS* 10:44:16 10:46:58 10:49:07	Importance=C4 Peakc/s=45	Qual=01 Qual=01	Tot Cts=1266	MaxkeV=114		
Event # = 12528 89/11/18,22:05 DOY=322 Start Peak End times GOES HXRBS* 22:05:02 22:05:08 22:05:30	Peakc/s=59	Qual=00 Qual=01	Tot Cts=249	MaxkeV=114		
Event # = 12529 89/11/18,23:39 DOY=322 Start Peak End times Optical GOES HXRBS* 23:38:55 23:39:26 23:44:03 Radio Sweeps Type/Intensity:	HaClass=SF Peakc/s=65 V/3	\$25W21 Qual=00 Qual=01	AR5793 Tot Cts=1865	Mac.=DSO MaxkeV=88	Carr.Lon.=198deg	H.Ang=34deg
Fvent # = 19667		89/11/19	D0Y=323			
89/11/19,04:36 D0Y=323 Start Peak End times GOES HXRBS* 04:35:29 04:36:43 04:38:00	Peakc/s=55	Qua]=00 Qua]=01	Tot Cts=896	MaxkeV=88	F]ags≖I	
Event # = 12668 89/11/19,04:44 DOY=323 Start Peak End times GOES HXRBS* 04:43:46 04:44:41 04:44:57 Radio Sweeps Type/Intensity:	Peakc/s=51 III/3	Qua]=00 Qua]=01	Tot Cts=376	MaxkeV=88	Flags≈I	

= 12669 9,06:26 DOY=323 Start Peak End times	HaClass=2B	S24W25	AR5793	Mac.=EAI	Carr.Lon.=198deg	H.Ang=36deg
GOES 06:17 06:26 06:33 HXRBS* 06:17:40 06:21:40 06:23:07 GRS 06:21:00 06:22:00		Qual=03 Qual=01	=8.08E+5	MaxkeV=461 >10MeV=Y	Flags=M5,I	Dur=60sec
Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	111/3 245/880 410/170 606/110 1415/180	506/110 14	2695/370	4995/720 8800/1800 15400/2200	800 15400/2200	
12533 08:55 DOY=323 art Peak End tim		Qua]=00	C C			
HXRBS* 08:54:47 08:55:01 08:56:57	PeakC/S=55	Ųua ≠01	10t (tS=9/9	Maxkev=88		
Event # = 12534 89/11/19,09:05 DOY=323 Start Peak End times Obtical	HaClass=SF	S25W32	AR5793	Mac.=EAI	Carr.Lon.=204deg	H.Ang=41deg
GÖES HXRBS* 09:05:10 09:05:30 09:07:57	~	Qual=00 Qual=01	Tot Cts=693	MaxkeV=88		
Event # = 12530 89/11/19,10:43 DOY=323 Start Peak End times						
GOES HXRBS* 10:43:08 10:43:26 10:44:47	Peakc/s=69	Qual=00 Qual=01	Tot Cts=902	MaxkeV=88		
Event # = 12531 89/11/19,10:50 DOY=323 Start Peak End times						
10:50:58 10:5	Peakc/s=97	Qual=00 Qual=01	Tot Cts=2456	MaxkeV=88		
Event # = 12532 89/11/19,11:34 DOY=323 Start Peak End times						
Optical GOES 11:26 11:34 11:44 HXRBS* 11:30:06 11:30:22 11:38:20 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):	HaClass=2B Importance=M1 Peakc/s=204 III/2 245/110	\$24#27 Qua]=01 Qua]=04	AR5/93 Tot Cts=20575	MackeV=218	Carr.Lon.=19/deg Flags=SN,EG	H.Ang=3∕deg
Event # = 12535 89/11/19,21:12 DOY=323 Start Peak End times						
GOES HXRBS* 21:12:07 21:12:29 21:12:34	Peakc/s=47	Qual=00 Qual=01	Tot Cts=138	MaxkeV=62		
Event # = 12536 89/11/19,21:18 DOY=323 Start Peak End times		0				
MXRBS* 21:17:38 21:18:06 21:18:33 Radio Sweeps Type/Intensity:	Peakc/s=49 III/1	Qual=01	Tot Cts=303	MaxkeV=62		
						: 1

		Flags=1	F]ags=I	Flags=SN, IS			
MaxkeV=62	MaxkeV=88	MaxkeV=62	MaxkeV=62	Maxkev=140	MaxkeV=62	MaxkeV=114	MaxkeV=88
Tot Cts*136	Tot Cts=564	D0Y=324 Tot Cts=696	Tot Cts=118	Tot Cts=1.03E+5 MaxkeV=140	Tot Cts=251	Tot Cts=11400	DOY=325
Qua]=00 Qua]=01 To	Qual=00 Qual=01 To	89/11/20 Qual=04 Qual=01 To	Qual=00 Qual=01 To	Qual=03 Qual=12 15400/48	Qual=00 Qual=01 To	1	89/11/21 Qual=00 Qual=01 To
Peakc/s=50	Peakc/s=54	Importance=C3 Peakc/s=73	Peakc/s=58	mportance=C4 eakc/s=599 995/66 8800/86	Peakc/s=58	Importance=C6 Peakc/s=357	Peakc/s=62 111/2 1415/1300
Event # = 12537 89/11/19,22:36 DOY=323 Start Peak End times GOES HXRBS* 22:36:18 22:36:25 22:36:44	Event # = 12538 89/11/19,23:33 DOY=323 Start Peak End times GOES HXRBS* 23:31:48 23:33:15 23:33:37	Event # = 12670 89/11/20,02:36 D0Y=324 Start Peak End times GOES 02:20 02:36 02:42 HXRBS* 02:34:12 02:34:29	Event # = 12671 89/11/20,02:44 DOY=324 Start Peak End times GOES HXRBS* 02:44:27 02:44:36 02:44:53	Event # = 12539 89/11/20,05:34 DOY=324 Start Peak End times GOES 05:30 05:34 05:39 II HXRBS* 05:27:40 05:31:01 05:44:39 PARBS* 05:27:40 05:31:01 05:44:39 PARBS* 05:27:40 05:31:01 05:44:39 PARBS* 05:27:40 05:31:01 05:44:39 PARBS* 05:27:40 05:31:01 05:44:39 PARBS* 05:27:40 05:31:01 05:44:39 PARBS* 05:27:40 05:31:01 05:44:39 PARBS* 05:40	Event # = 12540 89/11/20,06:08 D0Y=324 Start Peak End times GOES HXRBS* 06:08:34 06:08:54 06:09:03	Event # = 12541 89/11/20,20:36 D0Y=324 Start Peak End times GOES 20:19 20:36 20:40 HXRBS* 20:32:51 20:33:53 20:35:11	Event # = 12542 89/11/21,22:04 DOY=325 Start Peak End times GOES HXRBS* 22:03:42 22:04:01 22:05:16 Radio Sweeps Type/Intensity: Radio Frequency(MHz)/Flux(sfu):

REPORT DO	Form Approved OMB No. 0704-0188					
and maintaining the data needed, and completing	and reviewing the collection of information. Sen	d comments regarding this burden et . Directorate for Information Operation	ns and reports, 1215 Jerrerson Davis Highway, Sure 🔠			
1. AGENCY USE ONLY (Leave bis	D DATES COVERED morandum					
4. TITLE AND SUBTITLE The 1989 Solar Maximum	5. FUNDING NUMBERS					
6. AUTHOR(S) B. R. Dennis, J. P. Licata,	and A. K. Tolbert		JON-680-030-09-01-25			
7. PERFORMING ORGANIZATION Laboratory for Astronomy NASA-Goddard Space Fl Greenbelt, Maryland 2077	8. PERFORMING ORGANIZATION REPORT NUMBER 92B00040 Code 680					
9. SPONSORING/MONITORING A National Aeronautics and Washington, D.C. 20546	10. SPONSORING/MONITORING AGENCY REPORT NUMBER NASA TM-4344					
	Flight Center, Greenbelt, Mams (STX), Inc., Lanhan, Mary STATEMENT		12b. DISTRIBUTION CODE			
Unclassified - Unlimited Subject Category 92			·			
This document contains information on solar burst and transient activity observed by the Solar Maximum Mission (SMM) during 1989 pointed observations. Data from the following SMM experiments are included: 1) Gamma Ray Spectrometer, 2) Hard X-Ray Burst Spectrometer, 3) Flat Crystal Spectrometer, 4) Bent Crystal Spectrometer, 5) Ultraviolet Spectrometer Polarimeter, and 6) Coronagraph/Polarimeter. Correlative optical, radio, and Geostationary Operational Environmental Satellite (GOES) X-ray data are also presented. Where possible, bursts or transients observed in the various wavelengths were grouped into discrete flare events identified by unique event numbers. Each event carries a qualifier denoting the quality or completeness of the observations. Spacecraft pointing coordinates and flare site angular displacement values from sun center are also included.						
14. SUBJECT TERMS		. C. D.	15. NUMBER OF PAGES 612			
Sun, Solar Flares, X-Ray Flares, Ultraviolet Flares	16. PRICE CODE A99					
17. SECURITY CLASSIFICATION OF THIS PAGE 19. SECURITY CLASSIFICATION OF ABSTRACT 20. LIMITATION OF						
Unclassified	Unclassified	Unclassified				

